CITY OF OAKLAND

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Public Works Agency

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September 15, 2010

Mr. Bruce Wolfe
Executive Officer
Regional Water Quality Control Board
1515 Clay Street, Suite 1400
Oakland, CA 94612

RE: Annual Deliverables Report (July 2009 – June 2010)
Order R2-2009-0074 - NPDES Permit No. CAS612008

Dear Mr. Wolfe,

Enclosed please find the City of Oakland's Annual Deliverables Report (July 2009 – June 2010) for the fiscal year 2009/2010 as required by the California Regional Water Quality Control Board, San Francisco Bay Region Municipal Regional Stormwater National Pollutant Discharge Elimination System (NPDES) Permit.

I certify under penalty of law that these documents and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,

Lesley Estes
Watershed and Stormwater Management Supervisor
Department of Engineering and Construction

Member Agencies:

Alameda

Albany

Berkeley

Dublin

Emeryville

Fremont

Hayward

Livermore

Newark

Oakland

Piedmont

Pleasanton

San Leandro

Union City

Alameda County

Alameda County Flood Control and Water Conservation District (District)

Zone 7 of the District

City of Oakland
Fiscal Year 2009-2010 Annual Report of Stormwater Program Implementation

Alameda Countywide Clean Water Program
A Consortium of Local Agencies
http://www.cleanwaterprogram.org

Submitted to:
California Regional Water Quality Control Board
San Francisco Bay Region

September 15, 2010

FY 2009-2010 Annual Report
Permittee Name: City of Oakland

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Section **Page**

Section 1 – Permittee Information

Background Information					
Permittee Name:	**City of Oakland**				
Population:					
NPDES Permit No.:	**CAS612008**				
Order Number:	**R2-2009-0074**				
Reporting Time Period (month/year):	**July 2010 through June 2010**				
Name of the Responsible Authority:	**Lesley Estes**			**Title:**	**Watershed Program Supervisor**
Mailing Address:	**250 Frank H. Ogawa Plaza, Suite 4314**				
City:	**Oakland**	**Zip Code:**	**94612**	**County:**	**Alameda**
Telephone Number:	**(510) 238-7431**		**Fax Number:**		**(510) 238-7227**
E-mail Address:	**lcestes@oaklandnet.com**				
Name of the Designated Stormwater Management Program Contact (if different from above):				**Title:**	
Department:					
Mailing Address:					
City:		**Zip Code:**		**County:**	
Telephone Number:			**Fax Number:**		
E-mail Address:					

Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

- **Staff in PWA Streets and Sidewalks were limited to small jobs such as patching asphalt, filling pot holes, and repairing small sections of sidewalk.**
- **Staff in PWA Graffiti Abatement were limited to performing graffiti removal and maintenance on small structures and infrastructure. No graffiti abatement over waterways was required in FY 2009/2010.**

All City Contractors are required to follow spill prevention and control measures and implement soil erosion controls and BMPs as stated in their contractual agreement with the City on all City projects.

The City has purchased equipment to enhance existing BMPs to assist in performing municipal maintenance operations and activities. New equipment purchased during FY 2009 / 2010 included two truck trailers for graffiti abatement and a vactor truck. The two truck trailers purchased for graffiti abatement include pressure washers and wash water recovery units that enable staff to collect wash water and dispose of the material in the sanitary sewer system more efficiently. A new vactor truck was purchased for the removal of trash debris from 4 Continuous Deflective Trash Separator (CDS) units located in various locations in the City and in performing maintenance and cleanout of storm drainage infrastructure.

C.2.a. ►Street and Road Repair and Maintenance

Place an **X** in the boxes next to implemented BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type **NA** in the box. If one or more of these BMPs were not adequately implemented during the reporting fiscal year then indicate so and provide explanation in the comments section below.

X	Control of debris and waste materials during road and parking lot installation, repaving or repair maintenance activities from polluting stormwater
X	Control of concrete slurry and wastewater, asphalt, pavement cutting, and other street and road maintenance materials and wastewater from discharging to storm drains from work sites.
X	Sweeping and/or vacuuming and other dry methods to remove debris, concrete, or sediment residues from work sites upon completion of work.

Comments:

C.2.b. ►Sidewalk/Plaza Maintenance and Pavement Washing

Place an **X** in the boxes next to implemented BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type **NA** in the box. If one or more of these BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:

X	Control of wash water from pavement washing, mobile cleaning, pressure wash operations at parking lots, garages, trash areas, gas station fueling areas, and sidewalk and plaza cleaning activities from polluting stormwater
X	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs

Comments:

C.2.c. ►Bridge and Structure Maintenance and Graffiti Removal

Place an **X** in the boxes next to implemented BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type **NA** in the box. If one or more of these BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:

NA	Control of discharges from bridge and structural maintenance activities directly over water or into storm drains
X	Control of discharges from graffiti removal activities
X	Proper disposal for wastes generated from bridge and structure maintenance and graffiti removal activities
X	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs for graffiti removal

Comments:

The City of Oakland staff does not conduct bridge and/or structural maintenance activities directly over water. If necessary, this work would be contracted out to a Contractor.

All City Contractors are required to follow spill prevention and control measures and implement soil erosion controls and BMPs as stated in their contractual agreement with the City on all City projects.

C.2.d. ►Stormwater Pump Stations

Does your municipality own stormwater pump stations:	X	Yes		No

If your answer is **No** then skip to **C.2.e.**

(For FY 10-11Annual Report only) Complete the following table for dry weather DO monitoring and inspection data for pump stations[1] (add more rows for additional pump stations):

Pump Station Name and Location	First inspection Dry Weather DO Data		Second inspection Dry Weather DO Data	
	Date	mg/L	Date	mg/L
7th Street (@ Interstate 880)	**Not Applicable**	**Not Applicable**	**Not Applicable**	**Not Applicable**
105th Avenue (@ San Leandro Avenue)	**Not Applicable**	**Not Applicable**	**Not Applicable**	**Not Applicable**

(For FY 10-11Annual Report only) Summarize corrective actions as needed for DO monitoring at or below 3 mg/L. Attach inspection records of additional DO monitoring for corrective actions:

Summary:
Weather DO Monitoring and Data Collection at the City of Oakland Stormwater Pump Stations is not required. As stated in Section C.2.d.ii.(2) of the MRP, "DO monitoring is exempted where all discharge from a pump station remains in the stormwater collection system or infiltrates into a dry creek immediately downstream.

Attachments: **Not Applicable**

(For FY 10-11Annual Report only) Complete the following table for wet weather inspection data for pump stations (add more rows for additional pump stations):

Pump Station Name and Location	Date (2x/year required)	Presence of Trash (Cubic Yards)	Presence of Odor (Yes or No)	Presence of Color (Yes or No)	Presence of Turbidity (Yes or No)	Presence of Floating Hydrocarbons (Yes or No)
7th Street (@ Interstate 880)	**Not Applicable**	**Not Applicable**	**Not Applicable**	**Not Applicable**	**Not Applicable**	**Not Applicable**
105th Avenue (@ San Leandro Avenue)	**Not Applicable**	**Not Applicable**	**Not Applicable**	**Not Applicable**	**Not Applicable**	**Not Applicable**

Summary:
Wet Weather Inspection Data was not required during FY 2009/ 2010. Monitoring as required in the MRP will be conducted in Fall of 2010.

[1] Pump stations that pump stormwater into stormwater collection systems or infiltrate into a dry creek immediately downstream are exempt from DO monitoring.

C.2.e. ►Rural Public Works Construction and Maintenance

Does your municipality own/maintain rural[2] roads:		**Yes**	**X**	**No**

If your answer is **No** then skip to **C.2.f**.

Place an **X** in the boxes next to implemented BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type **NA** in the box. If one or more of the BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:

	Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas
	Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources
	No impact to creek functions including migratory fish passage during construction of roads and culverts
	Inspection of rural roads for structural integrity and prevention of impact on water quality
	Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts and excessive erosion
	Re-grading of unpaved rural roads to slope outward where consistent with road engineering safety standards, and installation of water bars as appropriate
	Inclusion of measures to reduce erosion, provide fish passage, and maintain natural stream geomorphology when replacing culverts or design of new culverts or bridge crossings

Comments including listing increased maintenance in priority areas:

[2] Rural means any watershed or portion thereof that is developed with large lot home-sites, such as one acre or larger, or with primarily agricultural, grazing or open space uses.

C.2.f. ►Corporation Yard BMP Implementation

Place an **X** in the boxes below that apply to your corporation yard(s):

	We do not have a corporation yard
	Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit
X	We certify that we have a current **Stormwater Pollution Prevention Plan (SWPPP)** for the Corporation Yard(s)

Place an **X** in the boxes below next to implemented SWPPP BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type **NA** in the box. If one or more of the BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:

X	Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment
X	Routine inspection prior to the rainy seasons of corporation yard(s) to ensure non-stormwater discharges have not entered the storm drain system
X	Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method
X	Use of dry cleanup methods when cleaning debris and spills from corporation yard(s) or collection of all wash water and disposing of wash water to sanitary or other location where it does not impact surface or groundwater when wet cleanup methods are used
X See Comments	Cover and/or berm outdoor storage areas containing waste pollutants

Comments:

BMPs such as cover and/or berms are implemented in most outdoor storage areas containing waste pollutants at the City corporation yards, but the soil stockpile and sand bag operations at the corporation yards do not currently have cover. BMPs currently implemented in these areas include keeping the material pushed up in the stockpile bin and performing sweeping in the area to prevent impacts to stormwater runoff. The City is evaluating potential additional upgrades (light weight covers to the soil stockpile bins) to the existing BMPs to prevent rain and wind erosion of the stockpiled materials.

If you have a corporation yard(s) that is not an NOI facility, complete the following table for inspection results for your corporation yard(s) or attach a summary including the following information:

Corporation Yard Name	**Inspection Date** (1x/year required)	**Inspection Findings/Results**	**Follow-up Actions**
Municipal Service Center	**August 2009**	**All areas observed were documented as having a high potential for pollutant discharge. The BMPs that were documented by the Oakland Fire Department inspector as not being effective were uncovered electronic waste and uncovered waste bins.**	**The situation was corrected and electronic waste stored outdoors is now enclosed in a metal storage container.**

		Pertaining to the stormwater portion of the inspection, the Oakland Fire Department issued a Notice of Violation during the August 2009 inspection because electronic waste was being stored outdoors in an uncovered area.	
Shepherd Canyon	**February 2010**	**BMPs implemented were effective; Outdoor areas were documented as a high potential for pollutant discharge.**	**None**
750 50th Avenue and 5050 Coliseum Way	**February 2010**	**Outdoor areas were documented as having a low to medium potential for pollutant discharge.** **The BMPs that were documented by the Oakland Fire Department inspector, as needing improvement were sweeping the site, and cleaning up metal, drums, and debris.**	**Monthly sweeping has been initiated since this inspection occurred.** **The drums and debris have been removed from the outdoor storage area of the 5050 Corporation Yard.**

Section 3 - Provision C.3 Reporting New Development and Redevelopment

C.3.a. ►New Development and Redevelopment Performance Standard Implementation Summary Report

(For FY 10-11Annual Report only) Provide a brief summary of the methods of implementation of Provisions C.3.a.i.(1)-(8).

Summary: **NOT APPLICABLE**

C.3.b. ►Green Streets Status Report

(All projects to be completed by December 1, 2014)

On an annual basis (if applicable), report on the status of any pilot green street projects within your jurisdiction. For each completed project, report the capital costs, operation and maintenance costs, legal and procedural arrangements in place to address operation and maintenance and its associated costs, and the sustainable landscape measures incorporated in the project including, if relevant, the score from the Bay-Friendly Landscape Scorecard. [Note: this applies only to agencies planning to implement pilot green streets projects. If you are planning a pilot green streets project, summarize project status.]

Summary:

No green street pilot projects are planned in Oakland at this time. The City of Oakland is coordinating with the Bay Area Stormwater Management Agencies Association (BASMAA), Urban ReLeaf, and the San Francisco Estuary Project to identify potential green street pilot projects.

C.3.b.v.(1) ►Regulated Projects Reporting Table

Fill in attached table **C.3.b.v.(1)** or attach your own table including the same information

C.3.h.iv. ► Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting

(1) Fill in attached table **C.3.h.iv.(1)** or attach your own table including the same information

(2) On an annual basis, provide a discussion of the inspection findings for the year and any common problems encountered with various types of treatment systems and/or HM controls. This discussion should include a general comparison to the inspection findings from the previous year.

Summary:

All of the inspected treatment measures appeared to be in proper condition. No inspection follow-up activities or corrections were required. The results from this past year were the same as from the previous year (i.e., all inspected treatment measures appeared to be in proper condition).

(3) On an annual basis, provide a discussion of the effectiveness of the O&M Program and any proposed changes to improve the O&M Program (e.g., changes in prioritization plan or frequency of O&M inspections, other changes to improve effectiveness program).

Summary:

In response to budget cuts during the last fiscal year, the O&M Program was modified so that the responsibility for coordinating the O&M inspections transferred from the Construction Inspection unit to the Zoning Inspection unit within the City's Building Services Division. This change will improve the effectiveness of the O&M Program. The Zoning Inspection unit is responsible for monitoring compliance with the conditions of approval. C.3 requirements are attached to a project via the project's conditions of approval. The Zoning Inspection unit will be able to incorporate O&M inspections into ongoing activities conducted to verify compliance with the project's conditions of approval. The O&M Program is currently operating effectively due to the limited number of projects with installed treatment measures subject to O&M verification. In order to maintain the effectiveness of the program as more treatment measures are installed, more treatment measures are inspected, and more follow-up activities are required, the City plans to better automate the tracking, scheduling, and follow-up of the development projects and inspections by developing a new electronic database.

C.3.b.v.(1) ►Regulated Projects Reporting Table (part 1) – Projects Approved During the Fiscal Year Reporting Period

Project Name Project No.	Project Location[3], Street Address	Name of Developer	Project Phase No.[4]	Project Type & Description[5]	Project Watershed[6]	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New and/or Replaced Impervious Surface Area[7] (ft^2)	Total Pre-Project Impervious Surface Area[8] (ft^2)	Total Post-Project Impervious Surface Area[9] (ft^2)
Private Projects										
1. 3800 Coolidge Ave.	3800 Coolidge Ave. @ Madeline St.	Affordable Housing Associates	N/A	Residential redevelopment: Replacement of existing buildings with construction of three new buildings totaling 20,730 sq. ft. of floor area at an existing residential care facility	Peralta Creek (San Leandro Bay)	0.9	0.3	11,883	13,380	11,883
2. Fruitvale Village II	East 12th St. @ 35th Ave.	Unity Council & Signature Properties	Master Plan for all phases	Residential redevelopment: Master Plan for phased construction of 275 residential units	Sausal Creek (Oakland Estuary)	3.4	3.4	129,373	131,987	129,373
3. 9800 MacArthur Blvd.	9800 MacArthur Blvd. @ 98th Ave.	Amcal Multi-Housing, Inc.	N/A	Mixed-Use New Development: Construction of 32 affordable residential units and 1,947 sq. ft. of commercial space	San Leandro Creek (San Leandro Bay)	0.6	0.6	21,286	0	21,286

[3] Include cross streets.
[4] If a project is being constructed in phases, use a separate row entry for each phase.
[5] Project Type is the type of development (i.e., new and/or redevelopment). Example descriptions of development are: 5-story office building, residential with 160 single-family homes with five 4-story buildings to contain 200 condominiums, 100 unit 2-story shopping mall, mixed use retail and residential development (apartments), industrial warehouse.
[6] State the watershed(s) that the Regulated Project drains to. Optional but recommended: Also state the downstream watershed(s).
[7] State both the total new impervious surface area and the total replaced impervious surface area, as applicable.
[8] For redevelopment projects, state the pre-project impervious surface area.
[9] For redevelopment projects, state the post-project impervious surface area.

C.3.b.v.(1) ►Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period

Project Name Project No.	Status of Project[10]	Source Control Measures[11]	Site Design Measures[12]	Treatment Systems Approved[13]	Operation & Maintenance Responsibility Mechanism[14]	Hydraulic Sizing Criteria[15]	Alternative Compliance Measures[16/17]	Alternative Certification[18]	HM Controls[19/20]
Private Projects									
1. 3800 Coolidge Ave.	Planning application submitted 7/20/09; complete 12/18/09; approved 2/11/10	Roofed trash enclosure	Reduced impervious surface; extensive open space/ landscaping	Bioretention areas	Maintenance agreement with owner	City to review and determine specific sizing requirements during application for construction permits	N/A	N/A	Not required: Impervious surface < 1 acre; decrease in impervious surface
2. Fruitvale Village II	Planning application submitted 6/5/08; complete 1/14/10; approved 5/19/10	Marked inlets; parking garage discharge treated; rooftop equipment covered	Compact bldg footprint; urban infill site; structured parking	Considering bioretention areas; vegetated buffer strips; flow-through planters; media filters[21]	Maintenance agreement with owner	City to review and determine specific sizing requirements during application for construction permits	N/A	N/A	Not required: Decrease in impervious surface; discharges to underground culverts
3. 9800 MacArthur	Planning	Marked inlets;	Compact	Flow-through	Maintenance	City to review and	N/A	N/A	Not required:

[10] For private projects, state project application submittal date; application deemed complete date; and, final discretionary approval date. For public projects, state plans and specifications approval date.
[11] List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.
[12] List site design measures approved for the project. Examples include: minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils; construct sidewalks, walkways, and/or patios with permeable surfaces, etc.
[13] List all approved stormwater treatment system(s) to be installed onsite or at a joint stormwater treatment facility (e.g., flow through planter, bioretention facility, infiltration basin, etc.).
[14] List the legal mechanism(s) (e.g., O&M agreement with private landowner; O&M agreement with homeowners' association; O&M by public entity, etc…) that have been or will be used to assign responsibility for the maintenance of the post-construction stormwater treatment systems.
[15] See Provision C.3.d. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3)
[16] For Alternative Compliance at an offsite location in accordance with Provision C.3.e.i.(1), on a separate page, give a discussion of the alternative compliance site including the information specified in Provision C.3.b.v.(1)(m)(i) for the offsite project.
[17] For Alternative Compliance by paying in-lieu fees in accordance with Provision C.3.e.i.(2), on a separate page, provide the information specified in Provision C.3.b.v.(1)(m)(ii) for the Regional Project.
[18] Note whether a third party was used to certify the project design complies with Provision C.3.d.
[19] If HM control is not required, state why not.
[20] If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), biodetention unit(s), regional detention basin, or in-stream control).
[21] Project is a conceptual master plan for a multi-phased development. The specific treatment systems to be incorporated into the project will be reviewed and approved during design review for each phase.

C.3.b.v.(1) ►Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period

Project Name Project No.	Status of Project[10]	Source Control Measures[11]	Site Design Measures[12]	Treatment Systems Approved[13]	Operation & Maintenance Responsibility Mechanism[14]	Hydraulic Sizing Criteria[15]	Alternative Compliance Measures[16/17]	Alternative Certification[18]	HM Controls[19/20]
Blvd.	application submitted 5/10/10; complete 5/21/10; approved 6/16/10	parking garage discharge treated; rooftop equipment covered	bldg footprint; urban infill site; structured parking	planters; tree-well filters	agreement with owner	determine specific sizing requirements during application for construction permits			Impervious surface < 1 acre

C.3.h.iv. ►Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting

Fill in table **below** or attach your own table including the same information.

Facility/Site Inspected and Location	Party Responsible[22] For Maintenance	Date of Inspection	Type of Inspection[23]	Type of Treatment/HM Control(s) Inspected[24]	Inspection Findings or Results[25]	Enforcement Action Taken[26]	Comments
Arcadia Park (98th Ave. @ San Leandro St.)	Owner (Pulte Homes)	8/30/10	Annual O&M	Vegetated swales	Treatment controls appeared in proper condition. No corrections or follow-up actions required.	None required	
Lake Merritt Boathouse (Lake Chalet; 1520 Lakeside Dr.)	Owner (City of Oakland)	8/30/10	Annual O&M	Vegetated swales	Treatment controls appeared in proper condition. No corrections or follow-up actions required.	None required	This is not a Regulated Project under Provision C.3. Treatment controls were voluntarily installed by the City of Oakland.

[22] State the responsible operator for installed stormwater treatment systems and HM controls.
[23] State the type of inspection (e.g., annual, follow-up, spot, etc.).
[24] State the type(s) of treatment systems inspected (e.g., bioretention facility, flow-through planter, infiltration basin, etc…) and the type(s) of HM controls inspected, and indicate whether the treatment system is an onsite, joint, or offsite system.
[25] State the inspection findings or results (e.g., proper installation, improper installation, proper O&M, immediate maintenance needed, etc.).
[26] State the enforcement action(s) taken, if any, as appropriate and consistent with your municipality's Enforcement Response Plan.

Section 4 – Provision C.4 Industrial and Commercial Site Controls

C.4.a.ii ► Legal Authority

(For FY 09-10 Annual Report only) Do you have adequate legal authority to obtain effective stormwater pollutant control on industrial sites?	X	**Yes**		**No**
If **No**, explain:				

C.4.c.ii.(5) ► Enforcement Response Plan

(For FY 09-10 Annual Report only) Have you developed and implemented an Enforcement Response Plan by April 1, 2010?	X	**Yes**		**No**
If **No**, explain:				

Program Highlights

Provide background information, highlights, trends, etc. For FY 09-10 Annual Report describe steps taken to revise your program to meet new data tracking and reporting requirements.

The City's estimated goal for total Industrial and Commercial Business Inspections conducted for FY 2009/2010 was 1,200 inspections. During the FY 2009/2010 reporting period, the City exceeded its FY 2009/10 Industrial and Commercial Work Plan goals by conducting a total of 1,215 Industrial and Commercial inspections.

All RWQCB Notice of Intent (NOI) facilities were inspected during the FY 2009/2010 reporting period. A total of 93 Re-Inspection and 26 Response to Complaint inspections were conducted in the City of Oakland in FY 2009/2010.

Based on a review and evaluation of FY 2009/2010 Industrial and Commercial Stormwater Facility Inspection results, small automotive repair facilities were the most prevalent business type commonly in violation of Local, State, and/or Federal stormwater regulations. These facilities commonly had improper or ineffective BMPs implemented, and business owners were unaware of Local, State, and/or Federal stormwater regulations. The City increased its number of inspections for automotive repair shops during FY 2009/2010 in an attempt to obtain compliance from as many facilities as possible. Additionally, inspectors have routinely provided educational materials to business owners so that they are knowledgeable of stormwater regulations, and potential violations and BMPs for their sites.

The standard procedures followed by City staff for performing industrial and commercial facility stormwater inspections includes the following:

1. **Review of Stormwater Pollution Protection Plan (SWPPP) – if applicable**
2. **Review and comparison of stormwater monitoring results to stormwater thresholds and limits set forth in the SWPPP – if applicable**
3. **Evaluate current BMPs in use, and determine whether they are appropriate and/or adequate for the facilities operations**
4. **Recommend/require additional or upgrades to the existing BMPs, and provide examples and potential options/upgrades to be implemented**
5. **Conduct any necessary enforcement**
6. **Review of Oakland Municipal Codes and State regulations**
7. **Distribute education outreach materials including pamphlets and handouts detailing the impacts of stormwater pollutants and non-stormwater discharges on the environment, aquatic life, birds, and other wildlife, the City Storm Drainage System, local creeks, and the San Francisco Estuary and Bay.**

In addition to the above protocol City staff conducts enforcement as necessary to obtain compliance with local, State and Federal stormwater regulations. Enforcement may include issuing Notice of Violations and enforcement letters (such as Show Cause Letters). For more severe enforcement cases, fines/fees are issued, and may be referred to the City Attorney, the County District Attorney, or other regulatory agencies for additional enforcement.

C.4.b.i. ► Business Inspection Plan

(For FY 09-10 Annual Report only) Do you have a Business Inspection Plan?	X	Yes		No

If No, explain:

C.4.b.iii.(1) ► Potential Facilities List

List below or attach your list of industrial and commercial facilities in your Inspection Plan to inspect that could reasonably be considered to cause or contribute to pollution of stormwater runoff.

SEE ATTACHED LIST OF FACILITIES –

A query of the County of Alameda Business Records identified a total of 48,201 businesses in the City of Oakland. Of the 48,201 business identified in the City of Oakland, 35,546 businesses were determined to have a very low to no potential for causing stormwater impacts. These businesses included residential rentals, home businesses, and other businesses that were not a potential to impact stormwater runoff from their site.

Attached to this Annual Report is a list of 11,837 businesses located in the City of Oakland that could reasonably be considered to have some potential to cause or contribute to the pollution of stormwater runoff.

Of the 11,837 businesses included on the potential facility list, the City is planning on conducting an estimated 6,000 inspections at facilities that may have more potential to cause stormwater impacts over the five year permit period (approximately greater then 50% of the total number of businesses in the City of Oakland that could reasonably be considered to cause or contribute to the pollution of stormwater runoff), and the City plans to conduct stormwater inspections at industrial and commercial facilities at an average rate of approximately 1,200 inspections per year.

C.4.b.iii.(2) ►Facilities Scheduled for Inspection

List below or attach your list of facilities scheduled for inspection during the current fiscal year.

The City of Oakland plans to conduct an estimated 1,200 stormwater inspections during the FY 2010/2011.

Currently, a total of 110 Notice of Intent (NOI) Facilities located in the City of Oakland have obtained coverage under the Industrial General Permit and are listed as NOI Facilities in the California Regional Water Quality Control Board (RWQCB) Database. Of the 110 NOI Facilities, 21NOI Facilities are in the Port of Oakland jurisdiction. The City of Oakland is responsible for conducting industrial and commercial stormwater facility inspections at the remaining 89 NOI Facilities.

The City of Oakland plans to conduct stormwater inspections at the following facilities during FY 2010/2011 including all 89 NOI Facility stormwater inspections under the City's jurisdiction.

Annual Work Plan Goals

Business Type	Number of Estimated Facility Inspections
NOI Facilities	89
Fueling Facilities	325
Automotive Related Businesses	325
Manufacturing/Industrial/Machine Facilities	100
Construction Related Businesses	50
Food Related Businesses	100
Miscellaneous Businesses	211
TOTAL INSPECTIONS	1,200

C.4.c.iii.(1) ►Facility Inspections

Fill out the following table or attach a summary of the following information.

	Number	Percent
Number of businesses inspected (if known)	1,122	
Total number of inspections conducted	1,215	
Violations issued (excluding verbal warnings)	81	
Sites inspected in violation	81	7.5%
Violations[1] resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner	78	96.3%

[1] Total number of violations equals the number of initial enforcement actions (i.e. one violation issued for several problems during an inspection at a site). It does not equal the total number of enforcement actions because one violation issued at a site may have a second enforcement action for the same violation at the next inspection if it is not corrected.

C.4.c.iii.(2) ►Frequency and Types/Categories of Violations Observed

Fill out the following table or attach a summary of the following information.

Type/Category of Violations Observed	Number of Violations
Actual discharge (e.g. non-stormwater discharge)	**2**
Potential discharge (e.g. BMPs not in place or ineffective)	**79**

C.4.c.iii.(2) ►Frequency and Type of Enforcement Conducted

Fill out the following table or attach a summary of the following information.

	Enforcement Action (as listed in ERP)[1]	Number of Enforcement Actions Taken	% of Enforcement Actions Taken[2]
Level 1	**Written Warnings**	**77**	**95%**
Level 2	**Show Cause Letters**		
Level 3	**Administrative Enforcement Order**	**3**	**3.7%**
Level 4	**City Attorney / County District Attorney**	**1**	**1.3%**
Total		**81**	**100%**

Notes:

[1]Agencies to list specific enforcement actions as defined in their ERPs.

[2]Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

C.4.c.iii.(3) ►Types of Violations Noted by Business Category

Fill out the following table or attach a summary of the following information.

Business Category[1]	Actual Discharge Violations	Potential Discharge Violations
Animal Care/Boarding		
Auto Gas/Fueling Stations		8
Auto Repair and Service		24
Automotive Miscellaneous		3
Boat/Marinas		1
Construction/Contractor	1	1
Dental Offices		
Dry Cleaners		
Industrial		
Laboratory		
Machine Shop		
Manufacturing		4
Miscellaneous	1	7
Mobile Cleaners		
Municipal/Schools		3
NOI Facilities		21
Other Permits		3
Parking Lots, Plazas		
Photo Developing/Processing		
Printing		
Restaurants		
Retail Food Services		1
Retail/Wholesale		1
Transportation/Corporation Yards		1
Utility		
Waste Related		1

Notes:

[1] List your Program's standard business categories.

C.4.c.iii.(4) ►Non-Filers

List below or attach a list of the facilities required to have coverage under the Industrial General Permit but have not filed for coverage:

Business Name	Owner Information	Facility Address
E&F Demolition	Eladio Perez 336 Park Street San Leandro, CA 94577	750 98th Avenue Oakland, CA

C.4.d.iii ►Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
Clean Water Program Inspector Training for Businesses and Illicit Discharges	October 15, 2009	Urban runoff pollution prevention, Inspection procedures, and Illicit Discharge Detection, Elimination and follow-up.	4	100%

Section 5 – Provision C.5 Illicit Discharge Detection and Elimination

C.5.a.ii ► Legal Authority

(For FY 09-10 Annual Report only) Do you have adequate legal authority to prohibit and control illicit discharges and escalate stricter enforcement to achieve expedient compliance?	X	**Yes**		**No**
If **No**, explain:				

C.5.b.ii.(4) ► Enforcement Response Plan

(For FY 09-10 Annual Report only) Have you developed and implemented an Enforcement Response Plan by April 1, 2010?	X	**Yes**		**No**
If **No**, explain:				

Program Highlights

Provide background information, highlights, trends, etc. For FY 09-10 Annual Report describe steps taken to revise your program to meet new data tracking and reporting requirements.

During FY 2009/2010, the City of Oakland communicated complaints to the appropriate personnel, responded to illicit discharge complaints, and addressed existing reported non-stormwater discharges in a quick and efficient manner. Staff is responsive in performing inspections and enforcement for incidents identified by complaints and field identified issues.

Illicit discharge cases are addressed by multiple City agencies and departments including staff from Watershed and Stormwater Management (WSM) of the Public Works Agency (PWA), Department of Engineering and Construction (PWA-WSM), Community and Economic Development Agency (CEDA) Code Enforcement and Construction Inspection staff, and the Oakland Fire Department – Fire Prevention Bureau (OFD-FPB) staff. Cleanup of illicit discharges are generally conducted by PWA Maintenance Division, the OFD- Hazardous Material Division or contracted hazardous waste remediation/disposal contractors. Illicit discharges incidents are sent to PWA – WSM staff for recording and additional enforcement and follow-up, if necessary

Illicit discharge complaints are received in multiple ways including:

- **Indirectly from the PWA Hotline**
- **Directly through e-mail and phone calls received by the PWA - WSM Hotline and individual staff**
- **Referrals from other City department**
- **Referrals from regulatory agencies**

Illicit discharge complaints may be fielded by staff in any of the above City agencies or departments. Complaints are then forwarded to staff in the PWA Hotline Call Center. The PWA Hotline Call Center then takes the complaint call and refers the complaint to the appropriate staff in the various City agencies or departments. The PWA Hotline Call Center referral may include multiple referrals depending on the type and severity of the illicit discharge.

City staff also works with local agencies and utility companies (such as the East Bay Municipal Utility District [EBMUD], the East Bay Regional Parks District [EBRPD], and the Alameda County Flood Control District [ACFCD]) to maximize efficiency, streamline efforts, and work together as a cohesive group to increase response and reduce the time for obtaining compliance.

C.5.c.iii ►Complaint and Spill Response Phone Number and Spill Contact List

List below or attach your complaint and spill response phone number and spill contact list.

Contact	Description	Phone Number
Oakland Fire Department – Hazardous Materials	**Hazardous Materials Spill / Releases**	**(510) 444-3322 or "911"**
Public Works Agency Hotline	**Illicit Discharges**	**(510) 615-5566**
Craig Pon	**Illicit Discharges**	**(510) 238-6544**

C.5.d.iii ►Evaluation of Mobile Business Program

Describe implementation of minimum standards and BMPs for mobile businesses and your enforcement strategy. This may include participation in the BASMAA Mobile Surface Cleaners regional program or local activities.

Description**: See Clean Water Program FY 2009/10 Report. See BASMAA FY 2009/10 report on mobile surface cleaners program.**

C.5.e.iii ►Evaluation of Collection System Screening Program

Provide a summary or attach a summary of your collection screening program, a summary of problems found during collection system screening and any changes to the screening program this FY.

Description:

The staff in the Storm Drain Maintenance Section of the City of Oakland, Public Works Agency, Department of Infrastructure and Operations, Infrastructure Maintenance Division (PWA-Storm Drains) has a goal to inspect and perform maintenance of 7,594 storm drain inlets annually. In addition, PWA Storm Drains staff inspect, monitor and perform maintain on drainage facilities such as weirs, culverts, V-ditches, pump stations, Trash Centrifugal Deflection Separators (CDS) Unit as necessary. Additional inspections occur on a complaint basis and request for service. During the dry season routine inspection/monitoring/maintenance is conducted at storm drainage facility "Hot Spots" to eliminate flooding and discharge of pollutants into the storm drainage system. During the rainy season additional maintenance is conducted on an emergency and/or complaint basis. Methods for cleaning storm inlets and pipes may include manually cleaning with hand tools (Shovels, Clams and Steel Rods), and large equipment such as Combination Flusher/Vacuum truck, Power Rodders, and Closed Caption Television (CCTV) trucks.

City of Oakland, Public Works Agency Maintenance staff are routinely trained in HAZWOPER Awareness Training which includes spill response protocols. Maintenance staff contains spill areas immediately to prevent discharge of pollutants into the storm drain system. City Public Works Agency Maintenance staff reports spills to their supervisors and job site foremen so that appropriate measures and follow-up can occur. If necessary, spills are reported to staff in PWA-Watershed and Stormwater Management to determine an appropriate follow-up response.

During FY 2009/2010, the survey/screening of the collection system resulted in the identification of only a few illicit discharges. The most prevalent types of the problems found during these the collection system screening survey included clogged storm inlets due to trash and debris, sediment. The survey/screening of the collection system proved to be valuable in that they enabled City staff to identify existing problems and potential problematic areas such as infrastructure damage (storm drain inlets, manholes, etc.) due to 60 to 70 years of service and/or the need for required maintenance (e.g.

trash racks full of leaf debris and trash, manholes containing irregular structures, cleanout of infrastructure, etc.).

In addition to the efforts of the staff in PWA - Storm Drains listed above, staff from the City of Oakland PWA - WSM conducts inspection of open channel creek and waterways. In FY 2009/2010, the City conducted survey/screening inspections of over 100 open channel creek and waterway locations in the City of Oakland. The survey/screening of open channel creek and waterways were successful at identifying violations of the City's Creek, Estuary, Lakeside Protection, and Stormwater Management Ordinance.

C.5.f.iii.(1), (2), (3) ►Spill and Discharge Complaint Tracking

Spill and Discharge Complaint Tracking (fill out the following table or include an attachment of the following information)

	Number	Percentage
Discharges reported (C.5.f.iii.(1))	**189**	
Discharges reaching storm drains and/or receiving waters (C.5.f.iii.(2))	**85**	**44.97%**
Discharges resolved in a timely manner (C.5.f.iii.(3))	**52 See Comment**	**Not Available See Comment**

Comments:

The 52 discharges that were resolved in a timely manner listed above do not include Hazardous Materials response and cleanup actions conducted by the Oakland Fire Department (OFD) Hazardous Materials (HazMat) Response Teams.

The OFD-HazMat operates under a standard of protocol (SOP) that indicates that staff responds to reported discharges within 24-48 hours from the time the incident is reported. Response to reported discharges are prioritized by the type / volume of material discharged and the location of the discharge (e.g. discharges close to highly sensitive areas). Discharges to storm drains and/or receiving waters are prioritized as a top priority for immediate response.

C.5.f.iii.(4) ►Summary of major types of discharges and complaints

Provide a narrative or attach a table and/or graph.

The most common types of illicit discharges that occurred in the City of Oakland during FY 2009/2010 were spilled automotive fluids and paint from illegal dumping around the City. Although automotive fluids and paint from illegal dumping were the major types of illicit discharge observed during FY 2009/2010, the types of discharges that made the most significant impacts were a result of various types of construction including discharges of paint, concrete, sediment and results of utility line and infrastructure repairs. These types of illicit discharges were not necessarily large in size, but the combination and nature of the material being discharges with flow into storm drain inlets and receiving water had a larger cumulative effect then the small discharges of automotive fluids and paint that may have flowed away from the location of the illicit discharge.

Section 6 – Provision C.6 Construction Site Controls

C.6.a.iii ► Legal Authority

(For FY 09-10 Annual Report only) Is your agency's legal authority adequate for C.6 compliance?	X	**Yes**		**No**
If **No**, explain:				

C.6.b.ii.(3) ► Enforcement Response Plan

(For FY 09-10 Annual Report only) Was your Enforcement Response Plan developed and implemented by April 1, 2010?	X	**Yes**		**No**
If **No**, explain:				

C.6.e.iii.1.a, b, c ►Site/Inspection Totals

Number of sites disturbing < 1 acre of soil requiring storm water runoff quality inspection (i.e. High Priority) (C.6.e.iii.1.a)	**Number of sites disturbing ≥ 1 acre of soil** (C.6.e.iii.1.b)	**Total number of storm water runoff quality inspections conducted** (C.6.e.iii.1.c)
Not Available – See Narrative in Evaluation of Inspection Data	**Not Available – See Narrative in Evaluation of Inspection Data**	**Not Available – See Narrative in Evaluation of Inspection Data**

C.6.e.iii.1.d ►Construction Activities Storm Water Violations

BMP Category	Number of Violations[1]	% of Total Violations[2]
Erosion Control	**Not Available**	**See Narrative in Evaluation of Inspection Data**
Run-on and Run-off Control	**Not Available**	**See Narrative in Evaluation of Inspection Data**
Sediment Control	**Not Available**	**See Narrative in Evaluation of Inspection Data**
Active Treatment Systems	**Not Available**	**See Narrative in Evaluation of Inspection Data**
Good Site Management	**Not Available**	**See Narrative in Evaluation of Inspection Data**
Non Stormwater Management	**Not Available**	**See Narrative in Evaluation of Inspection Data**
Total	**Not Available**	**See Narrative in Evaluation of Inspection Data**

Notes:
[1]Count one violation in a category for each site and inspection regardless of how many violations/problems occurred in the BMP category.
[2]Percentage calculated as number of violations in each category divided by total number of violations in all six categories.

C.6.e.iii.1.e ►Construction related storm water enforcement actions

	Enforcement Action (as listed in ERP)[1]	Number Enforcement Actions Taken	% Enforcement Actions Taken[2]
Level 1	**Not Available – See Narrative in Evaluation of Inspection Data**	**Not Available – See Narrative in Evaluation of Inspection Data**	**Not Available – See Narrative in Evaluation of Inspection Data**
Level 2	**Not Available – See Narrative in Evaluation of Inspection Data**	**Not Available – See Narrative in Evaluation of Inspection Data**	**Not Available – See Narrative in Evaluation of Inspection Data**
Level 3	**Not Available – See Narrative in Evaluation of Inspection Data**	**Not Available – See Narrative in Evaluation of Inspection Data**	**Not Available – See Narrative in Evaluation of Inspection Data**
Level 4	**Not Available – See Narrative in Evaluation of Inspection Data**	**Not Available – See Narrative in Evaluation of Inspection Data**	**Not Available – See Narrative in Evaluation of Inspection Data**
Total	**Not Available – See Narrative in Evaluation of Inspection Data**	**Not Available – See Narrative in Evaluation of Inspection Data**	**Not Available – See Narrative in Evaluation of Inspection Data**

Notes:
[1]Agencies should list the specific enforcement actions as defined in their ERPs.
[2]Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

C.6.e.iii.1.f, g ►Illicit Discharges

	Number
Number of illicit discharges, actual and those inferred through evidence (C.6.e.iii.1.f)	**Not Available – See Narrative in Evaluation of Inspection Data**
Number of sites with discharges, actual and those inferred through evidence (C.6.e.iii.1.g)	**Not Available – See Narrative in Evaluation of Inspection Data**

C.6.e.iii.1.h, i ►Violation Correction Times

	Number	Percent
Violations fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii.1.h)	**Not Available – See Narrative in Evaluation of Inspection Data**	**Not Available – See Narrative in Evaluation of Inspection Data**
Violations not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)	**Not Available – See Narrative in Evaluation of Inspection Data**	**Not Available – See Narrative in Evaluation of Inspection Data**
Total number of violations for the reporting year[1]	**Not Available – See Narrative in Evaluation of Inspection Data**	**Not Available – See Narrative in Evaluation of Inspection Data**

Notes:

[1]Total number of violations equals the number of initial enforcement actions (i.e. one violation issued for several problems during an inspection at a site). It does not equal the total number of enforcement actions because one violation issued at a site may have a second enforcement action for the same violation at the next inspection if it is not corrected.

[2]Calculated as number of violations fully corrected in a timely period after the violations are discovered divided by the total number of violations for the reporting year.

[3]Calculated as number of violations not fully corrected within 30 days after the violations are discovered divided by the total number of violations for the reporting year.

C.6.e.iii.(2) ►Evaluation of Inspection Data

Describe your evaluation of the tracking data and data summaries and provide information on the evaluation results (e.g., data trends, typical BMP performance issues, comparisons to previous years, etc.).

Description:

The City of Oakland construction inspection, complaint, violation, and enforcement records were not available during the preparation of the FY 2009/ 2010 Annual Report. Inspections, complaints, violations, and enforcements are input into the City's Permit Tracking System (PTS) on a routine basis and as cases/projects progress. Construction inspectors refer to their notes, schedules, and various other information input into the PTS System to aid in follow up actions. Data input into the PTS System was not readily available or extractable from the PTS System during the creation of this Annual Report. Reports and data are normally generated from PTS and electronically exported for reporting purposes.

C.6.e.iii.(2) ►Evaluation of Inspection Program Effectiveness

Describe what appear to be your program's strengths and weaknesses, and identify needed improvements, including education and outreach.

Description:

Staff in the Construction Inspection Program of the City of Oakland, Community and Economic Development Agency (CEDA), Building Services – Code Enforcement appears to be effective at performing inspections and enforcement of complaint cases and routine permit inspections. Additionally, staff have been effective in obtaining compliance by implementing enforcement protocols such as issuing correction notices, fines / fees, and property liens, suspension of existing permits, and implementing protocols to stop or delay work and future inspection without obtaining compliance.

Complaint reports are fielded and responded to in a quick responsive manner. This is attributed to the fact that CEDA - Building Services fields complaints directly in person, by phone and voicemail, and e-mail. The complaints are entered in and compiled in the City of Oakland Permit Tracking System (PTS), and distributed to inspectors for follow-up.

Some of the weaknesses observed in the Construction Inspection Program include large case loads and limited funds / resources for training staff. Additionally, data input into the PTS System could not be queried or quantified during the creation of this Annual Report creating reporting and some potential tracking issues. Although these weaknesses are apparent, the staff in the Construction Inspection Program continues to revise processes and protocols in an effort to be more efficient by managing case / work loads with existing staff.

C.6.f ►Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
Clean Water Program Training the Trainers Session on MRP Construction Site Inspection Requirements	**March 9, 2010**	**Permit requirements, ERP requirements, tools for construction site inspections and tracking**	**1**	**See Comments**
2009-009-DWG NPDES Construction General Permit (CGP) Overview Workshop for Region 2 at the RWQCB	**April 27, 2010**	**Review of the NPDES CGP, summary of "Implementing the New Construction Storm Water Permit," examples of violations of the NPDES CGP, summary of enforcement and potential penalties, review of RWQCB contacts.**	**7**	**See Comments**

Comments:

The City of Oakland has set up protocols for key contact(s) and staff to attend workshops, trainings, and Alameda Countywide Clean Water Program subcommittee meetings. The intent of this protocol was for the key contacts to take responsibility for attending trainings and subcommittee meetings, and to be the City's representative / liaison for providing other staff members training information. In addition, this protocol was set up in an effort to maximize efficiency and schedules.

Section 7 – Provision C.7 Public Information and Outreach

C.7.b.ii.1 ►Advertising Campaign

Summarize advertising efforts. Include details such as messages, creative developed, and outreach media used. The detailed advertising report may be included as an attachment. If advertising is being done by participation in a countywide or regional program, refer to the separate countywide or regional Annual Report.

Summary: **See BASMAA FY 2009/10 report on the BASMAA Regional Advertising Campaign.**

C.7.b.iii.1 ►Pre-Campaign Survey

(For the FY 10-11 Annual Report only) Summarize survey information such as sample size, type of survey (telephone survey, interviews etc.). Attach a survey report that includes the following information. If survey was done regionally, refer to a regional submittal that contains the following information:

- Summary of how the survey was implemented.
- Analysis of the survey results.
- Discussion of the outreach strategies based on the survey results.
- Discussion of planned or future advertising campaigns to influence awareness and behavior changes regarding trash/litter and pesticides.

Place an **X** in the appropriate box below:

NA	Survey report attached
NA	Reference to regional submittal:

C.7.c ►Media Relations

Summarize the media relations effort. Include the following details for each media pitch in the space below, AND/OR refer to a regional report that includes these details:

- Topic and content of pitch
- Medium (TV, radio, print, online)
- Date of publication/broadcast

Summary: **See BASMAA FY 2009/10 report on the Regional Media Relations effort.**

C.7.d ►Stormwater Point of Contact

(For FY 09-10 Annual Report only, unless changes made) Provide details of website or phone number used as the point of contact. Report on how the point of contact is publicized and maintained. If any change occurs in this contact, report in a subsequent Annual Report.

Contact Summary: **See BASMAA FY 2009/10 report on the Regional point of contact. See Clean Water Program FY 2009/10 Report for details on countywide point of contact.**

Local point of contact is:
Kristin Hathaway
Watershed Program Specialist
(510) 238-6600
watersheds@oaklandnet.com

Point of contact information is publicized through City of Oakland Watershed and Stormwater Management website at www.oaklandpw.com/creeks and on publications and media / public outreach materials distributed by the Alameda Countywide Clean Water Program.

C.7.e ►Public Outreach Events

Describe general approach to event selection. Provide a list of outreach materials and giveaways distributed.
Use the following table for reporting and evaluating public outreach events

Event Details	**Description** (messages, audience)	**Evaluation of Effectiveness**
Provide event name, date, and location. Indicate if event is local, countywide or regional.	Identify type of event (e.g., school fair, farmers market etc.), type of audience (school children, gardeners, homeowners etc.) and outreach messages (e.g., Enviroscape presentation, pesticides, stormwater awareness)	Provide general staff feedback on the event (e.g., success at reaching a broad spectrum of the community, well attended, good opportunity to talk to gardeners etc.). Provide other details such as: • Estimated overall attendance at the event. • Number of people that visited the booth, comparison with previous years • Number of brochures and giveaways distributed • Results of any spot surveys conducted
Clean Water Program exhibit at the Alameda County Fair (countywide event).	**See Clean Water Program FY 2009/10 Report.**	**See Clean Water Program FY 2009/10 Report.**

The Lake Merritt Institute newsletter "Tidings" distribution **Occasional bulletin board postings around Lake Merritt.**	**Monthly distribution highlighting Lake Merritt events that includes summary of cleanup events / future cleanup events, provides information regarding Lake Merritt water quality and the impacts of stormwater runoff impacts, and etc.** **Occasional litter / trash reduction postings on bulletin boards located around Lake Merritt.**	**214 copies distributed by mail and e-mail on a monthly basis.**
Oakland Lakefest. 8/1& 8/2/09; Lakeshore neighborhood; local event	**Event Type: Community festival.** **Audience: Primarily Oakland residents.** **Outreach Message: Pesticide alternatives and stormwater pollution prevention materials distributed.**	**Attendance: 4,000** **Booth Visitors: 2,000** **Giveaways/literature distributed: 2,000**
Art & Soul Festival. 8/22 & 8/23/09; downtown Oakland; local event	**Event Type: Art & music festival.** **Audience: Primarily Oakland residents.** **Outreach Message: Pesticide alternatives and stormwater pollution prevention materials distributed; watershed awareness quiz game...**	**Attendance: 10,000** **Booth visitors: Estimated 5,000** **Giveaways/literature distributed: 3,000**
Oakland Volunteer Appreciation Event. 4/1/10; Lakeside Park, Oakland; local event	**Event type: Community appreciation event.** **Audience: Oakland residents that volunteer for the Adopt a Spot Program.** **Outreach Message: Pesticide alternatives. Native plant and stormwater pollution prevention materials distributed**	**Attendance: 200** **Booth visitors: 150** **Giveaways/literature distributed: 100**
Oakland Earth Expo. 4/14/10; Frank Ogawa Plaza, downtown Oakland; local event	**Event type: Environmental fair.** **Audience: Downtown Oakland workforce; Oakland residents.** **Outreach Message: Pesticide alternatives, creek and watershed protection awareness. Native plant and stormwater pollution prevention materials distributed.**	**Attendance: 4,000** **Booth Visitors: 2,000** **Giveaways/literature distributed: 2,000**
Clorox Environmental Fair. 4/23/10; Clorox Headquarters, Oakland; local event	**Event type: Environmental fair.** **Audience: Clorox employees.**	**Attendance: 300** **Booth visitors: 200**

	Outreach Message: Pesticide alternatives, Native plant and stormwater pollution prevention materials distributed.	**Giveaways/literature distributed: 150**
Creek Information and Rain Capture Information Distribution Project	**Information distributed as door hangers to homeowners in the Wildfire Assessment District and Hydrograph Modification Management Plan (HMP) area.**	**24,000 pamphlets including creek and rain capture information were included as part of the annual inspection notice distribution detailing fire vegetation management requirements by the Oakland Fire Department – Fire Prevention Bureau.**

C.7.f. ►Watershed Stewardship Collaborative Efforts

Summarize watershed stewardship collaborative efforts and/or refer to a regional report that provides details. Describe the level of effort and support given (e.g., funding only, active participation etc.). State efforts undertaken and the results of these efforts. If this activity is done regionally refer to a regional report.

Evaluate effectiveness by describing the following:

- Efforts undertaken
- Major accomplishments

Summary: **See Clean Water Program FY 2009/10 Report.**

- **Participate in meetings of the Alameda County Watershed Forum (ACWF). On June 8th Oakland staff gave a presentation to the ACWF regarding Oakland's creek restoration program and Measure DD Bond for Clean Water and Safe Parks. Presentation included field trip to the construction site of the Measure DD-funded 12th Street/Lake Merritt Channel Restoration.**
- **Participate in the BASMAA CW4CB Project Management Team to address pesticides in waterways.**
- **Facilitate the Lake Merritt Water Quality Technical Committee to address the listing of Oakland's Lake Merritt for trash and dissolved oxygen on the EPA's 303d List.**
- **Provide ongoing support to the restoration and watershed and stormwater protection efforts of the Friends of Sausal Creek, the Friends of Arroyo Viejo Creek, the North Hills Phoenix Association and the DMV Neighbors Association working along Temescal Creek, the Butters Land Trust working along Peralta Creek, and the additional volunteer efforts that occur as a part of the City's Adopt-a-Creek Program.**

C.7.g. ►Citizen Involvement Events

List the types of events conducted (e.g., creek clean up, storm drain inlet marking, native gardening etc.). Use the following table for reporting and evaluating citizen involvement events.

Event Details	Description	Evaluation of effectiveness
Provide event name, date, and location. Indicate if event is local, countywide or regional	Describe activity (e.g., creek clean-up, storm drain marking etc.)	Provide general staff feedback on the event. Provide other evaluation details such as: • Number of participants. Any change in participation from previous years. • Distance of creek or water body cleaned • Quantity of trash/recyclables collected (weight or volume). • Number of inlets marked. • Data trends
Community Stewardship Grants	**See Clean Water Program FY 2009/10 Report. Of $20,785 awarded, Oakland groups were awarded $9,985 in Community Stewardship Grants including:** • **Civicorps Elementary ($4,760) for Stormwater Pollution Prevention Education with students** • **Friends of Sausal Creek ($3,725) for Promoting the Health of the Sausal Creek Watershed through environemental education and restoration work days** • **Mills College ($1,500) for work on protions of the Lion Creek Restoration Project.**	**See Clean Water Program FY 2009/10 Report.**
Creek Clean Up and Restoration Events	**Various activities through City's Adopt-a-Creek Program and Watershed Awareness Programs. A total of 125 citizen involvement events at 167 locations were held between July 1, 2009 – June 30, 2010. The events were attended by a total of 4,765 participants. See attached spreadsheet for details.**	

C.7.h. ►School-Age Children Outreach

Summarize school-age children outreach programs implemented. A detailed report may be included as an attachment.
Use the following table for reporting school-age children outreach efforts.

Program Details	Focus & Short Description	Number of Students/Teachers reached	Evaluation of Effectiveness
Provide the following information: Name Grade or level (elementary/ middle/ high)	Brief description, messages, methods of outreach used	Provide number or participants	Provide agency staff feedback. Report any other evaluation methods used (quiz, teacher feedback etc.). Attach evaluation summary if applicable.
Educational Services	**See Clean Water Program FY 2009/10 Report.**		
Watershed Awareness Classroom Presentations	**Classroom – based watershed awareness and water quality and habitat protection educational activities. Led by Lake Merritt Institute, a contractor for the City of Oakland and Friends of Sausal Creek. See attached spreadsheet for details.**	**500** **One presenter per classroom or field trip.**	**One on one evaluation with teachers.**

Section 8 - Provision C.8 Water Quality Monitoring

C.8 ►Water Quality Monitoring
State below if information is reported in a separate regional report. Municipalities can also describe below any Water Quality Monitoring activities in which they participate directly, e.g. participation in RMP workgroups, fieldwork within their jurisdictions, etc.
Summary: **See BASMAA MRP Regional Supplement for POCs and Monitoring Annual Reporting for FY 2009/2010.**

Section 9 – Provision C.9 Pesticides Toxicity Controls

C.9.a ►Adopt an Integrated Pest Management (IPM) Policy or Ordinance

(For FY 09-10 Annual Report only) Attach a copy of your individual IPM ordinance or policy.	X	**Attached**		**Not attached,** explain below
If **Not attached**, explain:				

C.9.b ►Implement IPM Policy or Ordinance

Report implementation of IPM BMPs by showing trends in quantities and types of pesticides used, and suggest reasons for increases in use of pesticides that threaten water quality, specifically organophosphorous pesticides, pyrethroids, carbaryl, and fipronil. A separate report can be attached as evidence of your implementation.

Summary:

Park maintenance staff applies glyphosate and oryzalin in street medians to control weed growth. Pesticide use increased between 2007 and 2008. Usage declined from 2009 to present. The main cause of fluctuating usage seems to be staffing levels. Park staff increased in 2008 and layoffs caused a decline in staffing in 2009 to the present.

C.9.c ►Train Municipal Employees

Enter the number of employees that applied or used pesticides (including herbicides) within the scope of their duties this reporting year.	**30**
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within the last 3 years.	**30**
Enter the percentage of municipal employees who apply pesticides who have received training in the IPM policy and IPM standard operating procedures within the last three years.	**100%**

C.9.d ►Require Contractors to Implement IPM

Did your municipality contract with any pesticide service provider in the reporting year?		**Yes**	X	**No**
If yes, attach one of the following:				
	Contract specifications that require adherence to your IPM policy and standard operating procedures, OR			
	Copy(ies) of the contractors' IPM certification(s) or equivalent, OR			
	Equivalent documentation.			
If not attached, explain:				

C.9.e ►Track and Participate in Relevant Regulatory Processes

Summarize participation efforts, information submitted, and how regulatory actions were affected **OR** reference a regional report that summarizes regional participation efforts, information submitted, and how regulatory actions were affected.

Summary: **See BASMAA MRP Regional Supplement for POCs and Monitoring Annual Reporting for FY 2009/2010.**

C.9.f ►Interface with County Agricultural Commissioners

Provide a summary of improper pesticide usage reported to County Agricultural Commissioners and follow-up actions to correct violations, if any. A separate report can be attached as your summary.

Summary:

No spills or improper pesticide applications were reported during FY 2009/2010.

City of Oakland pesticide application staff and application protocols are inspected by County Agricultural Commissioners at a minimum of one inspection per year. Inspections are conducted on a routine and on a random / "surprise" basis.

During FY 2009/2010 County Agricultural Commissioners, did not conduct an annual inspection. City of Oakland staff has attempted to schedule an inspection with the County Agricultural Commissioners, and have continued to attempt to contact the County Agricultural Commissioners to schedule an inspection during the First Quarter of FY 2010/2011

C.9.h.ii ►Public Outreach: Point of Purchase

Provide a summary of public outreach at point of purchase, and any measurable awareness and behavior changes resulting from outreach (here or in a separate report); **OR** reference a report of a regional effort for public outreach in which your agency participates.

Summary: **See description of Our Water Our World activities in the Clean Water Program FY 2009/10 Report. See BASMAA FY 2009/10 report on the Our Water Our World program.**

C.9.h.vi ►Public Outreach: Pest Control Operators

Provide a summary of public outreach to pest control operators and landscapers and reduced pesticide use (here or in a separate report); OR reference a report of a regional effort for outreach to pest control operators and landscapers in which your agency participates.

Summary: **See Clean Water Program FY 2009/10 Report.**

Section 10 - Provision C.10 Trash Load Reduction

C.10.a.i ►Short-Term Trash Loading Reduction Plan

(For FY 10-11 Annual Report only) Provide description of actions/tasks initiated/conducted/completed in developing a Short-Term Trash Loading Reduction Plan (due February 1, 2012).

Description*:* **NOT APPLICABLE**

C.10.a.ii ►Baseline Trash Load and Trash Load Reduction Tracking Method

(For FY 10-11 Annual Report only) Provide description of actions/tasks initiated/conducted/completed to gather trash loading data and develop a Baseline Trash Load and Trash Load Reduction Tracking Method (due February 1, 2012).

Description*:* **NOT APPLICABLE**

C.10.a.iii ►Minimum Full Trash Capture

(For FY 10-11 Annual Report and Each Annual Report Thereafter) Provide a description of actions/tasks initiated/conducted/completed in implementing Minimum Full Trash Capture Devices (due July 1, 2014) within individual jurisdictions. Include information on Full Trash Capture Devices installed under Bay-area Wide Trash Capture Demonstration Project administered by San Francisco Estuary Partnership.

Description*:* **NOT APPLICABLE**

C.10.b.iii ►Trash Hot Spot Assessment

(For FY 10-11 Annual Report and Each Annual Report Thereafter) Provide volume of material removed from each Trash Hot Spot cleanup, and the dominant types of trash (e.g., glass, plastics, paper) removed and their sources to the extent possible. Provide required photo documentation.

Fill out the following table or attach a summary of the following information.

Trash Hot Spot	Cleanup Date	Volume of Material Removed	Dominant Type of Trash	Trash Sources (where possible)
Arroyo Viejo Park	**Not Applicable for FY 2009/2010 Annual Report**	**Not Applicable for FY 2009/2010 Annual Report**	**Clothing, plastic wrappers and labels, glass and aluminum containers, food product packaging, metal, and electronic products.**	**Trash sources include recreational land use, upstream transport, adjacent homeless encampments, and illegal dumping.**
Courtland Creek	**Not Applicable for FY 2009/2010 Annual Report**	**Not Applicable for FY 2009/2010 Annual Report**	**Large illegally dumped items such as mattresses, box springs, tires, etc. Small items such as aluminum cans, plastic wrappers, and etc.**	**Trash sources include: Illegal Dumping, and trash transported by wind and runoff from nearby commercial corridors and high traffic areas.**
Damon Slough (Section 1)	**Not Applicable for FY 2009/2010 Annual Report**	**Not Applicable for FY 2009/2010 Annual Report**	**Large illegally dumped items such as mattresses, appliances, tires, shopping carts. Small items such as plastic bags, aluminum cans, bottles, plastic wrappers, clothing, and etc.**	**Trash sources include: Illegally dumped materials (on-site and in upstream locations), homeless encampments, trash from events held at the Alameda County-Oakland Coliseum, nearby commercial and industrial businesses, nearby high traffic areas, and material transported by the tides and runoff from upstream locations.**
Damon Slough (Section 2)	**Not Applicable for FY 2009/2010 Annual Report**	**Not Applicable for FY 2009/2010 Annual Report**		
Damon Slough (Section 3)	**Not Applicable for FY 2009/2010 Annual Report**	**Not Applicable for FY 2009/2010 Annual Report**		
East Creek (Section 1)	**Not Applicable for FY 2009/2010 Annual Report**	**Not Applicable for FY 2009/2010 Annual Report**	**Dominant trash types include small items such as plastic bags, clothing, and food wrappers.**	**Trash sources include the Oakland Swap Meet, heavy traffic corridors, homeless encampments, and flows from commercial and industrial upstream locations.**
East Creek (Section 2)	**Not Applicable for FY 2009/2010 Annual Report**	**Not Applicable for FY 2009/2010 Annual Report**		

Lake Merritt Channel	**Not Applicable for FY 2009/2010 Annual Report**	**Not Applicable for FY 2009/2010 Annual Report**	**Trash common to parks, high density residential and commercial areas, and plastic bags.**	**Trash transported by wind, creek channel flow, and tides from nearby**
Lake Merritt – East 18th Street	**Not Applicable for FY 2009/2010 Annual Report**	**Not Applicable for FY 2009/2010 Annual Report**	**Trash common to parks, high density residential and commercial area such as food wrappers, plastic bags, aluminum cans, bottles, clothing, and etc.**	**Trash sources include trash generated within the Lake Merritt Watershed and transported through the City storm drain infrastructure. Trash may also be transported into Lake Merritt from tidal flows from the San Francisco Bay and Lake Merritt Channel.**
Lake Merritt – Glen Echo Arm	**Not Applicable for FY 2009/2010 Annual Report**	**Not Applicable for FY 2009/2010 Annual Report**		
Lake Merritt – Trestle Glen Arm	**Not Applicable for FY 2009/2010 Annual Report**	**Not Applicable for FY 2009/2010 Annual Report**		
Peralta Creek	**Not Applicable for FY 2009/2010 Annual Report**	**Not Applicable for FY 2009/2010 Annual Report**	**Trash common to parks, high density residential and commercial area such as food wrappers, plastic bags, aluminum cans, bottles, clothing, and etc.**	**Trash sources include recreational land use, transport from upstream locations, homeless encampments, and illegal dumping.**
Sausal Creek – Barry Place	**Not Applicable for FY 2009/2010 Annual Report**	**Not Applicable for FY 2009/2010 Annual Report**	**Dominant trash types include small items such as plastic bags, clothing, and food wrappers.**	**Trash sources include transport for upstream and illegal dumping.**
Sausal Creek – Fruitvale Bridge	**Not Applicable for FY 2009/2010 Annual Report**	**Not Applicable for FY 2009/2010 Annual Report**	**Large illegally dumped items such as mattresses, appliances, tires, shopping carts. Small items such as plastic bags, aluminum cans, bottles, plastic wrappers, clothing, and etc.**	**Trash sources include homeless encampments, upstream transport, illegal dumping, and high traffic.**
Seminary Creek	**Not Applicable for FY 2009/2010 Annual Report**	**Not Applicable for FY 2009/2010 Annual Report**	**Large illegally dumped items such as construction materials, mattresses, appliances, tires, shopping carts. Small items such as plastic bags, aluminum cans, bottles, plastic wrappers, clothing, and etc.**	**Trash sources include park / recreation center users, trash from high traffic streets, and illegal dumping.**

C.10.d ►Summary of Trash Load Reduction Actions

Provide summary of new trash load reduction actions or increased levels of implementation of existing actions that were implemented after adoption of the MRP (control measures and best management practices) including the types of actions and levels of implementation, and the total trash loads and dominant types of trash removed from each type of action.

Suggested trash load reduction actions to track and report may include:

- Anti-litter Campaigns
- Anti-litter/Dumping Enforcement Activities
- Curbside Recycling Programs
- Education and Outreach Efforts
- Free Trash Pickup/Dropoff Days
- County HHW Program Activities
- Improved Trash Bin Management
- Inspection/Maintenance of Storm Drain Outfalls
- Litter Pickup and Control
- Removal of Homeless Encampments
- Solid Waste Recycling Efforts
- Source Controls/Bans/Prohibitions
- Storm Drain Operation and Maintenance
- Storm Drain Signage/Marking
- Street Sweeping Activities
- Trash Removal from Receptacles
- Volunteer Creek Cleanups

Type of Trash Load Reduction Action	Date of First Implementation	Level of Implementation (specify if level was increased after MRP adoption)	Total Trash Load Removed by Action	Dominant Types of Trash Removed by Action
Anti-Litter Billboard at Oakland Coliseum/880 Freeway (see attached images).	**June 16, 2010**	**New measure targeting Highway / Traffic and Sports / Event Center Audiences**	**Public education and awareness.**	
Continuous Deflection Trash Separator (CDS) Installation at Perkins Street and Bellevue Avenue	**April 2010**	**CDS Unit installed on Bellevue Avenue at Perkins Street treats stormwater runoff from approximately 75 acres of residential and commercial areas. The stormwater runoff that flows through the CDS Unit flows into Lake Merritt and outfalls into sensitive habitat for birds and other wildlife at the Lake Merritt Bird Islands where water quality is essential.**	**1 cubic yard**	**Floatable Trash including food containers and plastics, and sediments from the storm drain lines.**
Earth Day / Trash "Hot Spot" Coordination	**April 2010**	**The City of Oakland increased its number of Earth Day volunteer cleanup locations for 2009 in a coordinated effort to include locations that were to be submitted as potential trash "Hot Spot" locations as part of the Trash Hot Spot Assessment submittal to the RWQCB.**	**See Section C.10.b.iii Above**	

GIS Storm Drainage / Watershed Mapping	**September 2009**	**Creation, Review, and Evaluation of GIS Maps identifying potential trash "Hot Spot" locations (e.g. commercial / industrial areas, land use, storm drain inlets, storefront trash hot spots, schools, existing and proposed CDS unit locations, and the associated watersheds).**		
Homeless encampments removed from Lake Merritt Channel associated with the 12th Street Renovation	**May 2010**	**One time removal**	**Approximately 25 cubic yards**	**Large items such as mattresses and shopping carts. Small items such as plastic bags, aluminum cans, bottles, plastic wrappers, clothing, and etc.**
Homeless encampment removed from Peralta Creek at Cesar Chavez Park	**February 2010**	**One-time removal**	**Approximately 1 cubic yard**	**Mattress, food containers, old clothing.**
Ordinance Prohibiting the use of Polystyrene Foam Disposable Food Service Ware	**June 27, 2006**	**The City of Oakland passed an ordinance to reduce the use of disposable food service ware (and trash loads) by initiating increased use of re-usable, compostable, or biodegradeable service ware.**		**Disposable Polystyrene Foam Food Service Ware**
Storm Drain Inlet Screens (3) Pilot Study	**January 9, 2009**	**Evaluation of implementation of screens in varying storm drain inlet types and the associated costs, feasibility, and performance related to maintenance requirements and monitoring of infrastructure.**	**Approximately 1 cubic yard of material per storm drain inlet per year**	**Food wrappers, plastic bags, organic material.**
Trash Booms at Damon Slough - New and Replacements	**April 2010**	**Evaluation of trash capture devices (new and replacement trash Booms at Damon Slough) where implementation of Full Capture trash removal devices are not possible.**		**Trash types from recreational land use, transport from upstream locations, homeless encampments, and illegal dumping.**
Volunteer Creek Cleanup Events (see Public Outreach and Citizen Involvement Events, Section C.7)	**See detail, section C.7**	**168 events** **1,052 volunteers at City sites** **1,504 volunteers at City and East Bay Regional Park District sites**	**2,449 pounds of trash** **159 pounds of recyclables** **290 cubic yards of**	

			green waste	
Volunteer Storm Drain Markers Installation	**July 2009 – June 2010**	**Installation of 350 new stainless steel storm drain markers (with 30 year manufacturer's warranty on installation) with the message "No Dumping Drains to Bay" or "Drains to Creek". Installations occurred at new and as replacements at locations in multiple neighborhoods throughout Oakland.**	**Public education and awareness**	**Anticipated reduction in typical storm drain dumping materials such as motor oil, food waste containers, soapy water, pet waste, other stormwater runoff.**

Section 11 - Provision C.11 Mercury Controls

C.11.a.i ►Mercury Recycling Efforts

List below or attach lists of efforts to promote, facilitate, and/or participate in collection and recycling of mercury containing devices and equipment at the consumer level (e.g., thermometers, thermostats, switches, bulbs).

The City of Oakland promotes the collection and recycling of mercury containing devices and equipment (e.g. fluorescent light tubes, bulbs, and lamps, thermostats, electrical switches and relays, pilot light sensors, gauges, and thermometers) by providing the public with outreach and educational materials regarding mercury containing products, potential impacts of mercury on water quality, stormwater and wildlife, and methods for recycling and / or disposal of mercury containing items. Additionally, the City refers the public to the Alameda County Household Hazardous Waste and Stopwaste.org programs.

Information is available on City of Oakland Public Works Agency Oakland Recycles website at http://www.oaklandpw.com/Page33.aspx

The above information is also included as inserts in recycling, garbage, and bulky waste mailings to residents and property owners.

C.11.a.ii ►Mercury Collection

Provide an estimate of the mass of mercury collected through these efforts, or provide a reference to a report containing this estimate.

Amount collected:

The three Alameda County Household Hazardous Waste (HHW) facilities recycled 34,458 pounds of mercury containing fluorescent tube and compact lamps during FY 2008/2009.

The totals for recycled mercury containing fluorescent tubes and compact lamps during FY 2009/2010 will not be available until after the Annual Report submittal in late September. Recycled totals will be included in subsequent reports.

C.11.b ►Monitor Methylmercury
C.11.c ►Pilot Projects to Investigate and Abate Mercury Sources in Drainages
C.11.d ►Pilot Projects to Evaluate and Enhance Municipal Sediment Removal and Management Practices
C.11.e ►Conduct Pilot Projects to Evaluate On-Site Stormwater Treatment via Retrofit
C.11.f ►Diversion of Dry Weather and First Flush Flows to POTWs
C.11.g ►Monitor Stormwater Mercury Pollutant Loads and Loads Reduced
C.11.h ►Fate and Transport Study of Mercury In Urban Runoff
C.11.i ►Development of a Risk Reduction Program Implemented Throughout the Region
C.11.j ►Develop Allocation Sharing Scheme with Caltrans

State below if information is reported in a separate regional report. Municipalities that participate directly in regional activities to can provide descriptions below.

Summary: **See BASMAA MRP Regional Supplement for POCs and Monitoring Annual Reporting for FY 2009/2010.**

Section 12 - Provision C.12 PCBs Controls

C.12.a.i,iii ►Municipal Inspectors Training

(For FY 09-10 Annual Report only) List below or attach description of results of training municipal industrial inspectors to identify, in the course of their existing inspections, PCBs or PCB-containing equipment.

Description: **See Clean Water Program FY 2009/10 Report.**

The City of Oakland has distributed the "Pollutants of Concern Stormwater Inspectors' Guidance Manual" that includes PCB specific material provided by the Bay Area Stormwater Agencies Association (BASMAA) to the City's Industrial and Commercial Stormwater Inspectors for review and use in their inspections. The City's Industrial and Commercial Stormwater Inspectors have reviewed the materials and incorporated the practices presented in the guidance manual into their routine inspections. Additionally, materials are provided to property, facility, and business owners and operators on an as needed basis.

C.12.a.ii,iii ►Ongoing Training

(For FY 10-11 Annual Report and Each Annual Report Thereafter) List below or attach description of ongoing training development and inspections for PCB identification, including documentation and referral to appropriate regulatory agencies (e.g. county health departments, Department of Toxic Substances Control, California Department of Public Health, and the Water Board) as necessary.

Description: **NOT APPLICABLE**

C.12.b ►Conduct Pilot Projects to Evaluate Managing PCB-Containing Materials and Wastes during Building Demolition and Renovation Activities **C.12.c ►Pilot Projects to Investigate and Abate On-land Locations with Elevated PCB Concentrations** **C.12.d ►Conduct Pilot Projects to Evaluate and Enhance Municipal Sediment Removal and Management Practices** **C.12.e ►Conduct Pilot Projects to Evaluate On-Site Stormwater Treatment via Retrofit** **C.12.f ►Diversion of Dry Weather and First Flush Flows to POTWs** **C.12.g ►Monitor Stormwater PCB Pollutant Loads and Loads Reduced** **C.12.h ►Fate and Transport Study of PCBs In Urban Runoff** **C.12.i ►Development of a Risk Reduction Program Implemented Throughout the Region**
State below if information is reported in a separate regional report. Municipalities that participate directly in regional activities to can provide descriptions below.
Summary: **See BASMAA MRP Regional Supplement for POCs and Monitoring Annual Reporting for FY 2009/2010.**

Section 13 - Provision C.13 Copper Controls

C.13.a.i and iii ► Legal Authority: Architectural Copper

(For FY 10-11 Annual Report only) Do you have adequate legal authority to prohibit discharge of wastewater to storm drains generated from the installation, cleaning, treating, and washing of the surface of copper architectural features, including copper roofs to storm drains?	**X**	**Yes**		**No**
If **No**, explain and provide schedule for obtaining authority within 1 year:				

C.13.b.i and iii ► Legal Authority: Pools, Spas, and Fountains

(For FY10-11 Annual Report only) Do you have adequate legal authority to prohibit discharges to storm drains from pools, spas, and fountains that contain copper-based chemicals?	**X**	**Yes**		**No**
If **No**, explain and provide schedule for obtaining authority within 1 year:				

C.13.c ►Vehicle Brake Pads

See BASMAA MRP Regional Supplement for POCs and Monitoring Annual Reporting for FY 2009/2010.

C.13.d.iii ►Industrial Sources Copper Reduction Results

List below or attach annotated lists or tables from your Industrial and Commercial Site Controls portion of this report, that highlight copper reduction results among the facilities identified as potential users or sources of copper, facilities inspected, and BMPs addressed. For FY09-10 describe below or highlight in the C.4 Evaluation portion (if provided) of this report the steps taken to revise your program to meet new data tracking and reporting requirements for implementation levels described in C.13.d.ii.

Summary

The City of Oakland Industrial and Commercial Facility Stormwater Inspectors have incorporated the training materials presented in the "Pollutants of Concern Stormwater Inspectors' Guidance Manual" (POC Guidance Manual) provided by the Bay Area Stormwater Agencies Association (BASMAA) into their inspection process. The POC Guidance Manual also identifies businesses with specific Standard Industrial Classification (SIC) Codes that are potential users (i.e. may conduct activities and/or operations) or sources of copper pollutants.

The following is a list summarizing the number and type of businesses (with SIC Codes) in the City that are identified as potential users or sources of copper pollutants:

- **Motor Vehicle Parts, Used (SIC 5015) - 2 Businesses**
- **Automotive Services, except Repair and Carwashes (SIC 7549) – 55 Businesses**
- **Boat Yards / Marinas with on-land Maintenance Yards (SIC 4499) - 3 Businesses**
- **Scrap Waste Materials (SIC 5093) – 32 Businesses**
- **Car Washes (SIC 7542) - 34 Businesses**

Additionally, automotive repair shops, automotive parts recycling centers, and automotive salvage yards have been identified as potential users and sources of copper pollutants.

In addition to heightening inspector awareness of potential users or sources of copper pollutants, inspectors have made a conscious effort to perform education and outreach of impacts of copper pollutants with property/business owners and workers when conducting inspections at the businesses in the industries listed above. Additionally, educational materials and potential BMPs are provided to property, facility, and business owners and operators on an as needed basis in an effort to reduce copper pollutant loads at the source.

C.13.e ►Studies to Reduce Copper Pollutant Impact Uncertainties

Revised. Description reads "State below if information is reported in a separate regional report. Municipalities that participate directly in regional activities to can provide descriptions below."

Summary: **See BASMAA MRP Regional Supplement for POCs and Monitoring Annual Reporting for FY 2009/2010.**

Section 14 - Provision C.14 PBDE, Legacy Pesticides and Selenium Controls

C.14.a ►Control Programs for PBDEs, Legacy Pesticides and Selenium Controls
Revised. Description reads "State below if information is reported in a separate regional report. Municipalities that participate directly in regional activities to can provide descriptions below."
Summary: **See BASMAA MRP Regional Supplement for POCs and Monitoring Annual Reporting for FY 2009/2010.**

Section 15 - Provision C.15 Exempted and Conditionally Exempted Discharges

C.15.b.iii.(1), C.15.b.iii.(2) ► Planned and Unplanned Discharges of Potable Water

Is your agency a water purveyor?		**Yes**	**X**	**No**
If **No**, skip to C.15.b.vi.(2):				
If **Yes**, Complete the attached reporting tables or attach your own table with the same information. Describe program highlights below. For FY 09-10 only, describe steps taken to revise your program to meet new monitoring, data tracking and reporting requirements.				
Summary:				

C.15.b.vi.(2) ► Irrigation Water, Landscape Irrigation, and Lawn or Garden Watering

Provide implementation summaries of the required BMPs to promote measures that minimize runoff and pollutant loading from excess irrigation. Generally the categories are:

- Promote conservation programs
- Promote outreach for less toxic pest control and landscape management
- Promote use of drought tolerant and native vegetation
- Promote outreach messages to encourage appropriate watering/irrigation practices
- Implement Illicit Discharge Enforcement Response Plan for ongoing, large volume landscape irrigation runoff.

Summary:

The City of Oakland passed an amendment to City ordinance Chapter 15.35 Green Building Requirements for City Building Projects to add Civic Bay-Friendly Landscaping Guidelines for all City of Oakland, Redevelopment Agency and Public / Private Partnership Projects which include Landscaping to promote the measures listed above.

The Civic Bay-Friendly Landscaping ordinance promotes healthy soils, uses drought-tolerant plants, conserves water and energy, enhances wildlife habitat, reduces waste, and prevents pesticide-related pollution. The Civic Bay-Friendly Landscaping Ordinance requires that landscaping projects undertaken by the City, Redevelopment Agency or Public-Private Partnerships with a value of $100,000 or more and a size of 10,000 square feet or more meet or exceed a minimum number of Bay-Friendly Landscaping requirements. In order to comply with the Ordinance, a project must score at least 60 points out of the 219 possible points on the Bay Friendly Scorecard and must include, to the extent applicable, nine (9) required practices (five of which are current City practices):

- **Mulch (current City practice)**
- **Amend the soil with compost before planting (current City practice)**
- **Reduce and recycle landscape construction waste (current City practice)**
- **No species requiring shearing, such as formal hedges**
- **Do not plant invasive species (current City practice)**

- **Grow drought tolerant, California native, Mediterranean or climate adapted plants (current City practice)**
- **Minimize the lawn**
- **Specify weather-based irrigation controllers (existing EBMUD requirement for new water meters)**
- **No spray heads for areas less than eight (8) feet wide (existing EBMUD requirement new water meters)**

In addition to the Bay Friendly Landscaping Ordinance, the City of Oakland Illicit Discharge Inspectors treat cases of ongoing, large volume landscape irrigation runoff as illicit discharges. Complaint, inspection, and enforcement of over irrigation runoff are handled in the same manner as any illicit discharges, and handled under the Enforcement Response Plan (ERP) standards.

C.15.b.iii.(1) ►Planned Discharges of the Potable Water System

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[1] (NTU)	Implemented BMPs & Corrective Actions
NOT APPLICABLE										

Notes:

[1] Monitor the receiving water for turbidity if necessary and feasible. Include data in this column if available.

C.15.b.iii.(2) ►Unplanned Discharges of the Potable Water System

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Discharge Duration (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual[2] (mg/L)	pH[2] (standard units)	Discharge Turbidity (Visual) [2,]	Implemented BMPs & Corrective Actions	Time of discharge discovery	Regulatory Agency Notification Time[4]	Inspector arrival time	Responding crew arrival time
NOT APPLICABLE														

Notes:

1. This table contains all of the unplanned discharges that occurred in this FY.

2. Monitoring data is only required for 10% of the unplanned discharges. If you monitored more than 10% of your unplanned discharges report all of the data collected.

4. Notification to Water Board staff is required for unplanned discharges where the chlorine residual is >0.05 mg/L and total volume is ≥ 50,000 gallons. Notification to State Office of Emergency Services is required after becoming aware of aquatic impacts as a result of unplanned discharge or when the discharge might endanger or compromise public health and safety.

ATTACHMENTS

C.4.b.iii.(1) Potential Facilities List

Available in Electronic Submittal Only

OAKLAND CITY COUNCIL

RESOLUTION NO. 59482 C.M.S.

INTRODUCED BY COUNCILMAN _____ TAL

RESOLUTION ADOPTING POLICIES REGARDING USE OF CHEMICAL PESTICIDES BY CITY DEPARTMENTS TO CONTROL UNWANTED PLANT GROWTH, FUNGI AND INSECTS

* *

WHEREAS, the City Council established a Committee of citizens and City staff to study the use and effects of pesticides to control the pest population; and

WHEREAS, the Committee has completed its study of the issues and has developed a series of policies regulating the use of pesticides to control unwanted plant growth, fungi and insects; now therefore, be it

RESOLVED: that City departments, shall, to the fullest extent possible, adopt and implement Integrated Pest Management (IPM) techniques and methods as standard operating procedure to approach pest problems, and employ a combination of control strategies, placing major reliance on those with the least wanted impacts; and be it

FURTHER RESOLVED: that City departments shall consider pest maintenance techniques and use of resistant vegetation to reduce pesticide and other maintenance techniques in the process of planning future parks and replacing vegetation in existing facilities; and be it

FURTHER RESOLVED: that the use of chemical pesticides shall be minimized as much as possible and shall be considered only as a last resort to more environmentally sound alternatives such as cultural and manual pest controls; that the amount and types of chemical pesticides stored and used shall be kept to a minimum; that departments shall develop, maintain and update a list of approved chemicals to be made available to the public; that under no circumstance shall any chemical pesticide be applied in amounts other than those for which it is registered and approved; and be it

FURTHER RESOLVED: that City staff shall keep detailed records of all chemical applications administered by City staff or contractors engaged by the City with such records available for public inspection and reviewed periodically by staff to ensure compliance with relevant rules and regulations; that City departments which employ the use of chemicals shall maintain records of pest-related complaints; and be it

FURTHER RESOLVED: that all City employees engaged in the application of chemical pesticides shall be trained and certified, and provided with adequate supervision and proper safety equipment; and be it

FURTHER RESOLVED: that prior posting of all pesticide applications shall be provided to the public in the form of thirty days advance notice for regular seasonal spraying programs and same day notification for minor or unscheduled applications where notice shall remain for a reasonable period after completion so that the public will be aware of a chemical application in the area; and be it

FURTHER RESOLVED: that community participation shall be sought for the purpose of developing alternatives to chemical pesticides and that City departments will hold public meetings at the community's request to develop options to deal with the pest population and weed problems by means other than chemical pesticides; and be it

FURTHER RESOLVED: that public agencies in Oakland shall be requested to cooperate by adhering to these policies; and be it

FURTHER RESOLVED: that the Committee to study pesticides shall review techniques applied by departments and their contractors in City owned structures for development of a series of recommendations relating to the matter.

IN COUNCIL, OAKLAND, CALIF., FEB 3 1981, 19____

PASSED BY THE FOLLOWING VOTE:

AYES — ENG, GIBSON, GILMORE, MOORE, OGAWA, RILES, SPEES, SUTTER AND PRESIDENT WILSON — 8

NOES — NONE

ABSENT — COUNCILMEMBER GILMORE, - 1

ABSTENTION — NONE

OAKLAND CITY COUNCIL

RESOLUTION NO. 73968 C. M. S. REVISED

INTRODUCED BY COUNCILMEMBER _____

RESOLUTION ADOPTING INTEGRATED PEST MANAGEMENT POLICIES FOR THE CITY OF OAKLAND

WHEREAS, the City recognizes that population levels of certain plants, insects, plant pathogens, vertebrates, and other pests may create a nuisance or threaten the public health and safety, and therefore need to be controlled; and

WHEREAS, the City recognizes that the use of pesticides can present a potential hazard to the citizens of Oakland, City staff and the environment, now therefore be it

RESOLVED: That City departments shall, to the fullest extent possible, adopt and implement Integrated Pest Management (IPM) techniques and methods as standard operating procedures to manage pest problems; and be it

FURTHER RESOLVED: That, effective January 1, 1998, pesticides shall not be used in or on City owned property or facilities, except as specifically exempted by this resolution; and be it

FURTHER RESOLVED: That the only exemptions to the ban on pesticides established herein are as follows:

1. In those instances where the use of pesticides is required to preserve and/or protect human health and safety;

2. The use of swimming pool chemicals, disinfectants, and other antimicrobials;

3. The use of pesticidal soaps, insect growth regulators, microbials, botanicals, synthetic pyrethroids, horticultural oils, and insecticidal bait stations;

4. At municipal golf courses (signage shall be provided warning golfers of the pesticides used, the location, and date of application);

5. At municipal putting and lawn bowling greens (with signage as per 4. above);

6. At the Morcom Rose Garden (with signage as per 4. above);

7. For weed control in the construction of new landscaping and ballfields (with signage as per 4. above);

8. In sports fields, to control gophers, moles, and ground squirrels;

9. In the Oakland Museum of California, to protect museum artifacts, artworks, and collections;

10. Around fire hydrants in selected areas where weed growth threatens to obscure them;

11. On public streets and rights-of-way maintained by the Public Works Agency; and be it

FURTHER RESOLVED: That exemption 1 above shall only apply to situations that conform to guidelines established by the Alameda County Health Agency, and that herbicide usage is not exempted by exemption 6 above; and be it

FURTHER RESOLVED: That when the use of any pesticide is determined to be necessary, the least hazardous effective available pesticide will be used; and be it

FURTHER RESOLVED: That category 1 pesticides shall not be used on any City property except for the use of aluminum phosphide on sports fields for vertebrate control; and be it

FURTHER RESOLVED: That only pesticides that are approved and registered with the Environmental Protection Agency and by the State of California will be used; and be it

FURTHER RESOLVED: That if contractors are used to apply pesticides, they must be licensed by the State of California as Pest Control Operators; and be it

FURTHER RESOLVED: That public notification of pesticide use be done through signage of areas being treated, marker dyes in sprays, and public education programs; and be it

FURTHER RESOLVED: That City employees are not to bring pesticides from home for use on City property. This includes pesticides that are packaged for home use; and be it

FURTHER RESOLVED: That each City agency have a person designated to be responsible for coordinating pest control issues; and be it

FURTHER RESOLVED: That the Citizens' IPM Advisory Committee shall continue to advise the City Council on pest control practices.

IN COUNCIL, OAKLAND, CALIFORNIA, DEC 16 1997, 19____

PASSED BY THE FOLLOWING VOTE:

AYES– BRUNNER, CHANG, DE LA FUENTE, MILEY, NADEL, REID, RUSSO, SPEES AND PRESIDENT HARRIS — 9

NOES– None

ABSENT– None

ABSTENTION– None

ATTEST: Ceda Floyd

CEDA FLOYD
City Clerk and Clerk of the Council
of the City of Oakland, California

600-243 (2/97)

TOTAL P.02

OAKLAND CITY COUNCIL

RESOLUTION No. 76254 C. M. S.

INTRODUCED BY COUNCILMEMBER _____ NMA

RESOLUTION AUTHORIZING A LIMITED EXEMPTION TO THE INTEGRATED PEST MANAGEMENT POLICY TO USE HERBICIDES ON LANDSCAPED STREET MEDIANS

WHEREAS, in 1997 City Council approved the implementation of a comprehensive Integrated Pest Management (IPM) policy and passed Resolution No. 73968 C.M.S. that prohibited the use of pesticides on City property except as specifically exempted; and

WHEREAS, the Office of Parks and Recreation maintains landscaping in parks, open space, and landscaped street medians; and

WHEREAS, landscaped street medians are typically designed as long and narrow landscaped areas with minimal public use; and

WHEREAS, landscaped street medians are potentially dangerous places for employees performing landscape maintenance work due to erratic and speeding drivers; and

WHEREAS, the closure of certain traffic lanes in order to allow City employees to perform landscape maintenance safely and efficiently causes traffic delays and congestion along major streets; and

WHEREAS, the disadvantages of using gasoline powered string mowers to cut down weeds on street medians outweighs the advantages; and

WHEREAS, the manual removal of weeds is a time consuming and costly method of controlling weed growth that diverts staff resources away from park maintenance activities that are a direct service to the public; now therefore be it

RESOLVED: That the Oakland City Council hereby grants a limited exemption to the Integrated Pest Management policy by allowing limited herbicide use on landscaped street medians to control weeds and undesirable plants; and be it

FURTHER RESOLVED: That the Office of the City Attorney has approved this resolution as to form and legality, and a copy will be on file in the Office of the City Clerk.

I hereby certify that the foregoing is a full, true and correct copy of a Resolution passed by the City Council of the City of Oakland on JAN 30 2001.

CEDA FLOYD
City Clerk and Clerk of the Council

Per Ornetha Middleton *Deputy*

Pesticide Usage

Date	Glyphosate (oz)	Oryzalin (oz)	Dimension 270G (lb)	# employees applying
June-10	1376	0	0	2
May-10	0	0	0	0
Apr-10	240	580	0	2
Mar-10	4011	0	0	5
Feb-10	0	0	0	0
Jan-10	0	0	0	0
Dec-09	0	0	0	0
Nov-09	128	384	0	3
Oct-10	0	0	0	0
Sep-09	0	0	0	0
Aug-09	128	128	0	1
Jul-09	1024	1024	0	1
Year 3 July 09-June 10	**6907**	**2116**	**0**	**14**
Jun-09	910	0	0	1
May-09	4734	0	0	5
Apr-09	4612	0	0	3
Mar-09	1536	1536	0	3
Feb-09	2071	1741	0	3
Jan-09	5439	3463	0	6
Dec-08	1024	2504	0	4
Nov-08	64	64	0	1
Oct-08	160	0	0	1
Sep-08	0	0	0	0
Aug-08	952	717	0	5
Jul-08	128	50	0	1
Year 2 July 08-June 09	**21630**	**10075**	**0**	**33**
Jun-08	256	0	50	4
May-08	273	130	0	3
Apr-08	2427	1024	0	7
Mar-08	1562	640	0	5
Feb-08	1843	128	0	7
Jan-08	256	0	0	2
Dec-07	512	512	0	1
Nov-07	5830	2700	0	9
Oct-07	1792	0	0	3
Sep-07	256	0	0	2
Aug-07	256	0	0	1
Jul-07	512	0	0	1
Year 1 July 07-June 08	**15775**	**5134**	**50**	**45**

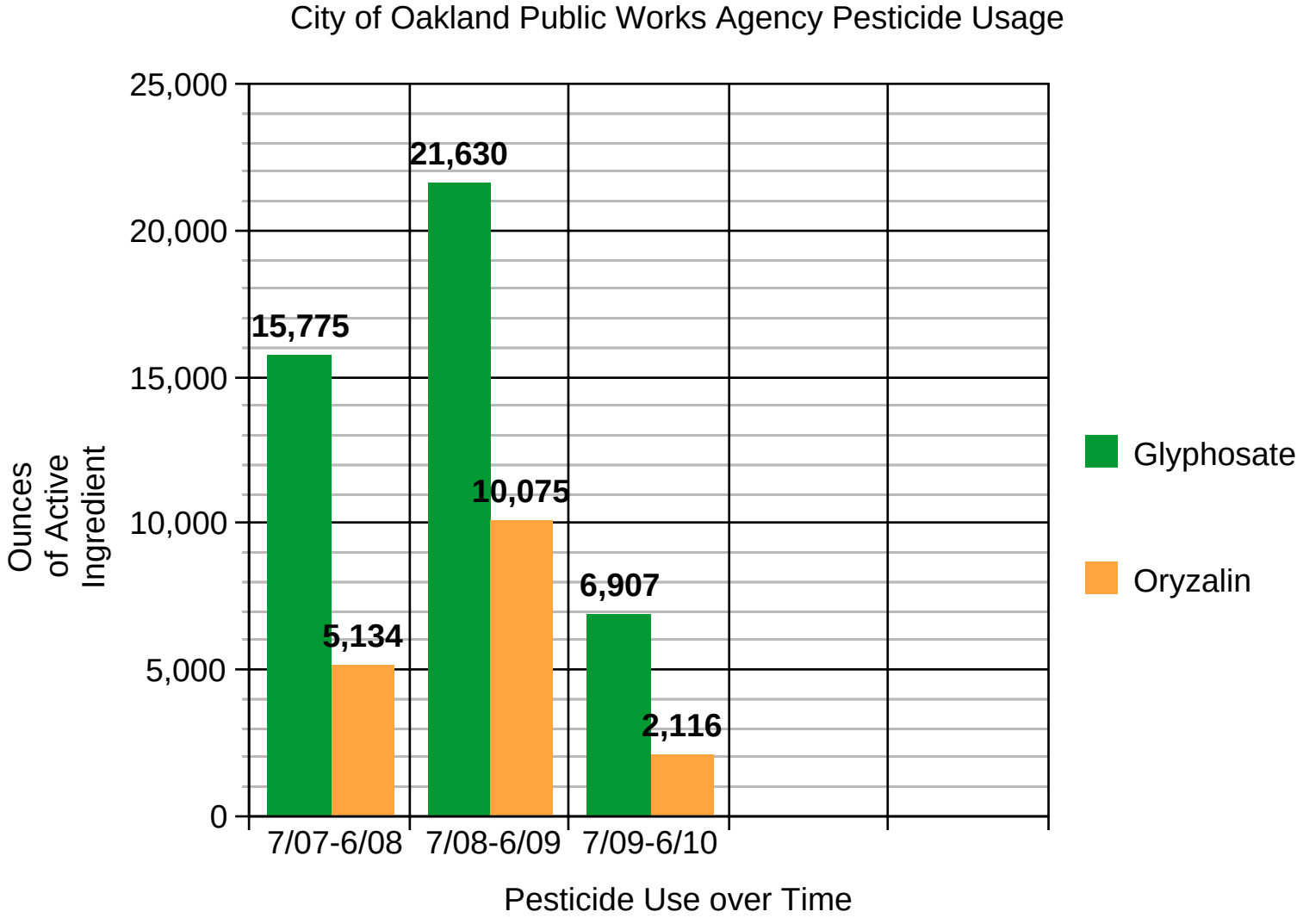
Names of Employees that applied pesticides in this period	
Abdul-Ali, Mustafa	
Bali, Kashmiri	
Byrne, Garret	
Carpenter, Erwin	
Cheng, Jason	
Church, Andrew	
Clark, James	
Deans, Ronald	
Demery, John	
Gray, Charles	
Gutierrez, Ramon	
Harris, Willie	
Hickman, Greg	
Hughley, John	
Jasso, Alberto	
Johnson, Ben	
Jordon, Siraj	
Kennedy, Teresa	
Lowe, Jimmy	
Marsh, Joe	
Miller, Herman	
Noble, Don	
Pappion, Isaac	
Pettway, Lavetta	
Pugh, Clinton	
Ross, Daryl	
Segura, Ramiro	
Thomas, Earl	
Williams, Walter	
Zumudio, Chris	
Count	**30**

Training Summary

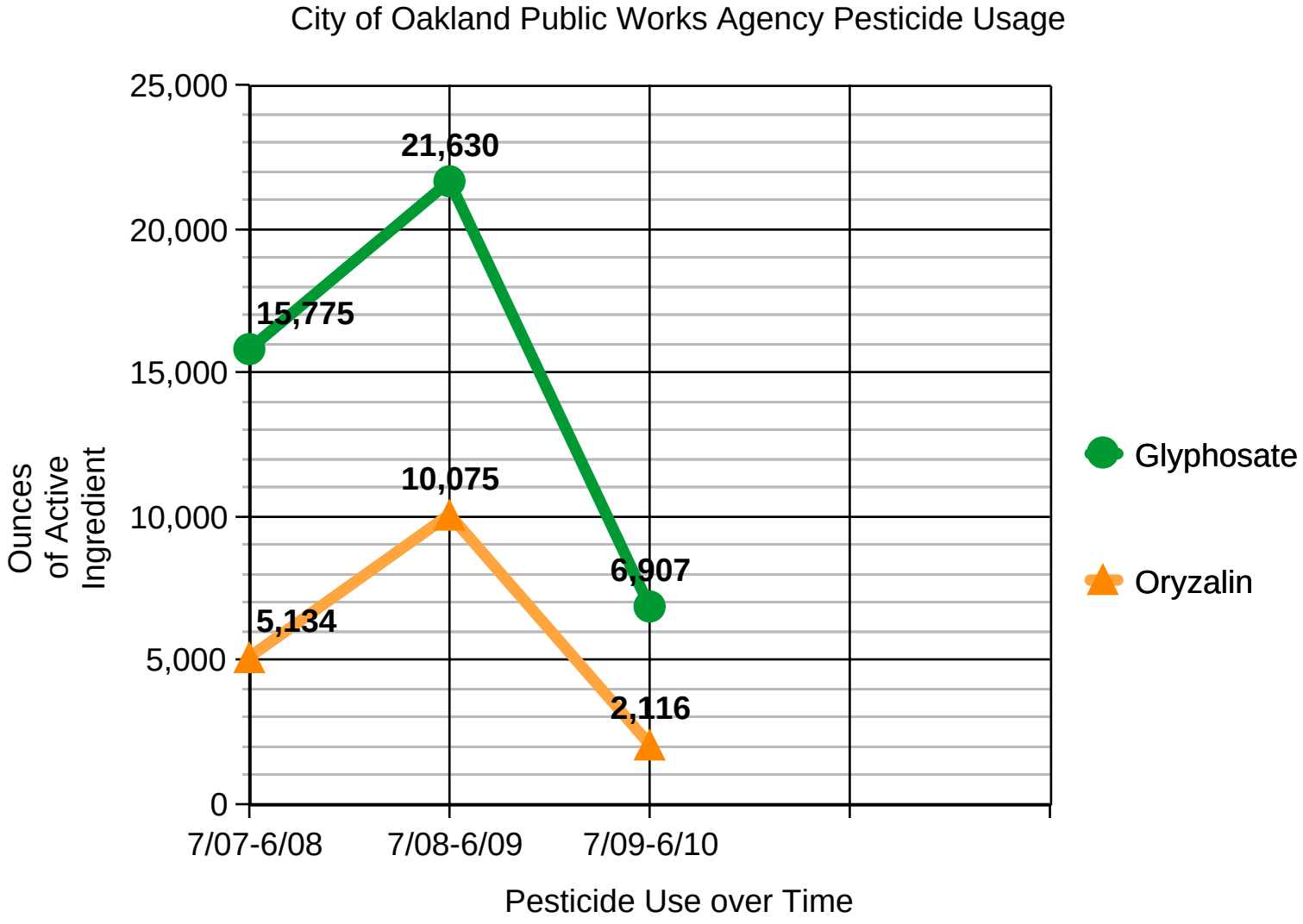
Date	# Employees
2/23/2010	7
2/5/2010	7
1/27/2010	6
12/16/2009	12
11/24/2009	12
4/22/2009	1
3/3/2009	10
2/26/2009	2
1/27/2009	3
1/22/2009	6
1/21/2009	4
1/16/2009	12
12/19/2007	8
10/16/2007	25
10/11/2007	24
10/9/2007	16
1/8/2009	6
12/9/2008	12
12/2/2008	7
TOTAL	**180**

% employees trained that actually applied pesticides **16.666667**

Note that California requires annual training. An employee may have been trained 3 times during this period. These figures do not account for retirements or new hires.



Data Source: Monthly Use Reports submitted to Alameda County Agricultural Commissioner



Data Source: Monthly Use Reports submitted to Alameda County Agricultural Commissioner

Factors to consider when choosing your rainwater capture system:

Before You Install

Plan your system so that it does not cause erosion or allow water to concentrate near structures or another person's property. For design assistance, contact an appropriate professional such as a landscape architect or engineer.

Soils

A variety of factors, including slopes, soil types, high groundwater and stability may limit or prevent the use of certain capture systems. Soils range from having a high sand content to a high clay content, and filter water at different rates. Consult with an appropriate professional such as a landscape architect or engineer to determine the soil type in your area and the rainwater capture systems appropriate for your property.

Mosquitoes

When implemented correctly, rainwater capture systems do not allow mosquitoes to breed. Ensure that water infiltrates into the ground within five days, or stored water is sealed off to prevent mosquito access. For more information, contact the Alameda County Mosquito Abatement District.

Helpful Contact Information

City of Oakland Watershed and Stormwater Management: For help planning your rain barrel system. www.oaklandpw.com/creeks

Low Impact Development Center, Inc.: More about rain gardens, pervious pavement, rain barrels and other stormwater capture systems. www.lowimpactdevelopment.org
(805) 540-9772

The Alameda County Mosquito Abatement District: Mosquito breeding prevention tips.
www.mosquitoes.org
(510) 783-7744

Bay Friendly Gardening: Gardening and landscaping practices that foster healthy soils, conserve water, and prevent pollution.
www.bayfriendly.org.
(510) 891-6500

Alameda Clean Water Program C.3 Technical Guidance: For technical design guidance for stormwater treatment controls. www.cleanwaterprogram.org

OAKLAND RAIN BARREL PROGRAM
CITY OF OAKLAND WATERSHED AND STORMWATER MANAGEMENT

Funding for this project has been provided in full or in part through an agreement with the State Water Resources Control Board. The contents of this document do not necessarily reflect the views and policies of the State Water Resources Control Board, nor does mention of trade names or commercial products constitute endorsement or recommendation for use. (Gov. Gov. § 7550, 40 CFR § 31.20)

Detain the Rain

City of Oakland Rain Barrel Program

Rain Barrels On Sale Now

at

WWW.OAKLANDPW.COM/CREEKS

CITY OF OAKLAND
WATERSHED AND STROMWATER MANAGEMENT

Enhance Your Property and Protect Our Creeks and the Bay

Rainwater Capture Systems installed on your property can help reduce flooding and protect the water quality of your local creeks and San Francisco Bay. Landscape designs featuring rainwater capture systems retain water during a storm then slowly release the water over a period of time. These systems conserve water and reduce flooding, stormwater pollution and erosion; while protecting our local creeks and the Bay.

LITTER TRAVELS.

But it can **STOP** with you.

CITY OF OAKLAND

Water Boards

Clean Water

OAKLAND * ALAMEDA COUNTY

ORACLE

iPad

ORACLE

LITTER TRAVELS.
But it can STOP with you.

ORACLE

CBS OUTDOOR

Oakland Creek Cleanup & Restoration Events - FY 2009/2010

Date	Name	Location	Creek	Type	# of Participants
9/19/2010	Creek to Bay Day	25 locations throughout Oakland	Multiple	local; creek cleanup & native planting	1052
4/17/2010	Earth Day	19 location throughout Oakland	Multiple	local; creek cleanup & native planting	978
7/11/2009	Adopt a Creek event	Wood Park	Sausal Creek	local; creek cleanup	8
9/19/2009	Adopt a Creek event	Wood Park	Sausal Creek	local; creek cleanup	29
7/28/2009	Adopt a Creek event	Beaconsfield Canyon	Sausal Creek	local; creek cleanup	8
9/21/2009	Adopt a Creek event	Beaconsfield Canyon	Sausal Creek	local; creek cleanup	14
7/18/2009	ned Awareness Prograı	Oakland Zoo	Arroyo Viejo Creek	local; creek cleanup	18
8/15/2009	ned Awareness Prograı	Oakland Zoo	Arroyo Viejo Creek	local; creek cleanup	16
8/20/2009	ned Awareness Prograı	Oakland Zoo	Arroyo Viejo Creek	local; creek cleanup	15
9/5/2009	Adopt a Creek event	North Oakland Sports Field	Temescal Creek	local; native plantings	12
9/12/2009	Adopt a Creek event	North Oakland Sports Field	Temescal Creek	local; native plantings	24
9/19/2009	Adopt a Creek event	North Oakland Sports Field	Temescal Creek	local; native plantings	20
7/1/2009	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	29
8/1/2009	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	21
9/1/2009	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	290
10/31/2009	Adopt a Creek event	Beaconsfield Canyon	Sausal Creek	local; creek cleanup	27
11/28/2009	Adopt a Creek event	Beaconsfield Canyon	Sausal Creek	local; creek cleanup	13
12/19/2009	Adopt a Creek event	Beaconsfield Canyon	Sausal Creek	local; creek cleanup	10
10/10/2009	Adopt a Creek event	Wood Park	Sausal Creek	local; creek cleanup	10
11/7/2009	Adopt a Creek event	Wood Park	Sausal Creek	local; creek cleanup	13
12/5/2009	Adopt a Creek event	Wood Park	Sausal Creek	local; creek cleanup	16
12/23/2009	Adopt a Creek event	Wood Park	Sausal Creek	local; creek cleanup	6
10/9/2009	ned Awareness Prograı	Oakland Zoo	Arroyo Viejo Creek	local; creek cleanup	8
11/9/2009	ned Awareness Prograı	Oakland Zoo	Arroyo Viejo Creek	local; creek cleanup	12
11/7/2009	Adopt a Creek event	Joaquin Miller Park	Fern Ravine	local; creek cleanup	18
12/12/2009	Adopt a Creek event	Joaquin Miller Park	Fern Ravine	local; creek cleanup	11
10/10/2009	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	18
10/16/2009	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	16
10/17/2009	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	21
10/24/2009	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	122
10/31/2009	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; creek cleanup	2
11/5/2009	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	30
11/7/2009	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	30
11/10/2009	Adopt a Creek event	Joaquin Miller Park	Fern Ravine	local; creek cleanup	14
11/14/2009	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	24
11/14/2009	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	12
11/21/2009	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	13
12/5/2009	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	44
12/5/2009	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	8
12/12/2009	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	72
12/15/2009	Adopt a Creek event	Beaconsfield Canyon	Sausal Creek	local; creek cleanup	30
12/19/2009	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	4
12/28/2009	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	4
3/21/2010	ned Awareness Prograı	Oakland Zoo	Arroyo Viejo Creek	local; creek cleanup	26
4/3/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; creek cleanup	23
4/13/2010	Adopt a Creek event	Beaconsfield Canyon	Sausal Creek	local; creek cleanup	20
4/17/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	188
4/17/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; creek cleanup	12
4/17/2010	Adopt a Creek event	Joaquin Miller Park	Fern Ravine	local; creek cleanup	12
4/20/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	15
4/21/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	20
4/22/2010	Adopt a Creek event	Beaconsfield Canyon	Sausal Creek	local; creek cleanup	26
4/23/2010	Adopt a Creek event	Beaconsfield Canyon	Sausal Creek	local; creek cleanup	18
4/24/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; creek cleanup	24
5/1/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	16

Oakland Creek Cleanup & Restoration Events - FY 2009/2010

5/1/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	9
5/15/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	11
5/15/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	4
5/20/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	40
5/21/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	2
5/21/2010	Adopt a Creek event	Beaconsfield Canyon	Sausal Creek	local; creek cleanup	25
5/22/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	135
5/28/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	2
5/29/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	10
4/17/2010	Adopt a Creek event	Wood Park	Sausal Creek	local; creek cleanup	22
4/22/2010	Adopt a Creek event	Wood Park	Sausal Creek	local; creek cleanup	20
5/8/2010	Adopt a Creek event	Wood Park	Sausal Creek	local; creek cleanup	40
2/20/2010	Adopt a Creek event	Barry Place	Sausal Creek	local; creek cleanup	3
2/21/2010	Adopt a Creek event	Barry Place	Sausal Creek	local; creek cleanup	2
2/22/2010	Adopt a Creek event	Barry Place	Sausal Creek	local; creek cleanup	1
3/19/2010	Adopt a Creek event	Barry Place	Sausal Creek	local; creek cleanup	1
4/16/2010	Adopt a Creek event	Barry Place	Sausal Creek	local; creek cleanup	1
4/17/2010	Adopt a Creek event	Barry Place	Sausal Creek	local; creek cleanup	5
4/20/2010	Adopt a Creek event	Barry Place	Sausal Creek	local; creek cleanup	1
1/9/2010	Adopt a Creek event	Leona Heights Park	Lion Creek	local; creek cleanup	9
2/15/2010	Adopt a Creek event	Leona Heights Park	Lion Creek	local; creek cleanup	9
3/12/2010	Adopt a Creek event	Leona Heights Park	Lion Creek	local; creek cleanup	6
1/9/2010	Adopt a Creek event	Glen Echo Park	Glen Echo Creek	local; creek cleanup	2
2/13/2010	Adopt a Creek event	Glen Echo Park	Glen Echo Creek	local; creek cleanup	1
3/13/2010	Adopt a Creek event	Glen Echo Park	Glen Echo Creek	local; creek cleanup	2
1/9/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	30
1/12/2010	Adopt a Creek event	Beaconsfield Canyon	Sausal Creek	local; creek cleanup	20
1/15/2010	Adopt a Creek event	Beaconsfield Canyon	Sausal Creek	local; creek cleanup	20
1/16/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	42
1/16/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	24
1/21/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	50
1/23/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	21
1/28/2010	Adopt a Creek event	Beaconsfield Canyon	Sausal Creek	local; creek cleanup	20
1/29/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	2
1/30/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	25
2/6/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	21
2/12/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	16
2/19/2010	Adopt a Creek event	Beaconsfield Canyon	Sausal Creek	local; creek cleanup	20
2/20/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	45
2/20/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	22
2/23/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	75
2/25/2010	Adopt a Creek event	Beaconsfield Canyon	Sausal Creek	local; creek cleanup	20
2/27/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	13
3/5/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	20
3/6/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	10
3/6/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	26
3/9/2010	Adopt a Creek event	Beaconsfield Canyon	Sausal Creek	local; creek cleanup	20
3/11/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	20
3/17/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	7
3/20/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	30
3/20/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	23
3/27/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	15
3/30/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	15
3/31/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	15
3/20/2010	Adopt a Creek event	Butters Canyon	Peralta Creek	local; creek cleanup	23
6/5/2010	Adopt a Creek event	Wood Park	Sausal Creek	local; native plantings	7
6/26/2010	Adopt a Creek event	Beaconsfield Canyon	Sausal Creek	local; creek cleanup	29
6/1/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	10
6/3/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	4

Oakland Creek Cleanup & Restoration Events - FY 2009/2010					
6/4/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	1
6/5/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	8
6/8/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	7
6/9/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	25
6/12/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	2
6/12/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	7
6/15/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	7
6/17/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	2
6/26/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; creek cleanup	3
6/26/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	9
6/30/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	29

Oakland School Age Outreach - FY 2009/2010

Date	Name	Location	Type	# of Participants	Grade Level	Outreach focus
7/1/2009	Friends of Sausal Creek	Dimond Park	Field	8	unknown	watershed awareness field activities
8/1/2009	Friends of Sausal Creek	Dimond Park	Field	27	unknown	watershed awareness field activities
9/1/2009	Friends of Sausal Creek	Dimond Park	Field	37	unknown	watershed awareness field activities
7/1/2009	Lake Merritt Institute	Montclair Recreation Center Camp	Classroom	32	Middle School	watershed awareness activities, enviroscape
9/1/2009	Lake Merritt Institute	St. Paul's School	Classroom	65	Middle School	watershed awareness activities, enviroscape
9/1/2009	Lake Merritt Institute	Oakland High Environmental Academy	Classroom	91	High School	watershed awareness activities, enviroscape
12/1/2009	Lake Merritt Institute	Head Royce School	Classroom	43	High School	watershed awareness activities, enviroscape
1/1/2010	Lake Merritt Institute	Civic Corps School	Classroom	32	Elementary	watershed awareness activities, enviroscape
1/1/2010	Lake Merritt Institute	Redwood Day School	Classroom	56	Elementary	watershed awareness activities, enviroscape
2/1/2010	Lake Merritt Institute	St. Elizabeth	Classroom	29	High School	watershed awareness activities, enviroscape
2/1/2010	Lake Merritt Institute	West High School	Classroom	58	High School	watershed awareness activities, enviroscape
3/1/2009	Lake Merritt Institute	Springstone School	Classroom	22	Middle School	watershed awareness activities, enviroscape

CITY OF OAKLAND

DALZIEL BUILDING · 250 FRANK H. OGAWA PLAZA, 4TH FLOOR · OAKLAND, CALIFORNIA 94612

Public Works Agency

(510) 238-3961
FAX (510) 238-2233
TDD (510) 238-7644

September 15, 2010

Mr. Bruce Wolfe
Executive Officer
Regional Water Quality Control Board
1515 Clay Street, Suite 1400
Oakland, CA 94612

RE: Annual Deliverables Report (July 2009 – June 2010)
Order R2-2009-0074 - NPDES Permit No. CAS612008

Dear Mr. Wolfe,

Enclosed please find the City of Oakland's Annual Deliverables Report (July 2009 – June 2010) for the fiscal year 2009/2010 as required by the California Regional Water Quality Control Board, San Francisco Bay Region Municipal Regional Stormwater National Pollutant Discharge Elimination System (NPDES) Permit.

I certify under penalty of law that these documents and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,

Lesley Estes
Watershed and Stormwater Management Supervisor
Department of Engineering and Construction

Member Agencies:

Alameda

Albany

Berkeley

Dublin

Emeryville

Fremont

Hayward

Livermore

Newark

Oakland

Piedmont

Pleasanton

San Leandro

Union City

Alameda County

Alameda County Flood Control and Water Conservation District (District)

Zone 7 of the District

City of Oakland
Fiscal Year 2009-2010 Annual Report of Stormwater Program Implementation

Alameda Countywide Clean Water Program
A Consortium of Local Agencies
http://www.cleanwaterprogram.org

Submitted to:
California Regional Water Quality Control Board
San Francisco Bay Region

September 15, 2010

FY 2009-2010 Annual Report
Permittee Name: City of Oakland

Table of Contents

Section **Page**

Section 1 – Permittee Information

Background Information					
Permittee Name:	**City of Oakland**				
Population:					
NPDES Permit No.:	**CAS612008**				
Order Number:	**R2-2009-0074**				
Reporting Time Period (month/year):	**July 2010 through June 2010**				
Name of the Responsible Authority:	**Lesley Estes**			**Title:**	**Watershed Program Supervisor**
Mailing Address:	**250 Frank H. Ogawa Plaza, Suite 4314**				
City:	**Oakland**	**Zip Code:**	**94612**	**County:**	**Alameda**
Telephone Number:	**(510) 238-7431**		**Fax Number:**		**(510) 238-7227**
E-mail Address:	**lcestes@oaklandnet.com**				
Name of the Designated Stormwater Management Program Contact (if different from above):				**Title:**	
Department:					
Mailing Address:					
City:		**Zip Code:**		**County:**	
Telephone Number:			**Fax Number:**		
E-mail Address:					

Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

- **Staff in PWA Streets and Sidewalks were limited to small jobs such as patching asphalt, filling pot holes, and repairing small sections of sidewalk.**
- **Staff in PWA Graffiti Abatement were limited to performing graffiti removal and maintenance on small structures and infrastructure. No graffiti abatement over waterways was required in FY 2009/2010.**

All City Contractors are required to follow spill prevention and control measures and implement soil erosion controls and BMPs as stated in their contractual agreement with the City on all City projects.

The City has purchased equipment to enhance existing BMPs to assist in performing municipal maintenance operations and activities. New equipment purchased during FY 2009 / 2010 included two truck trailers for graffiti abatement and a vactor truck. The two truck trailers purchased for graffiti abatement include pressure washers and wash water recovery units that enable staff to collect wash water and dispose of the material in the sanitary sewer system more efficiently. A new vactor truck was purchased for the removal of trash debris from 4 Continuous Deflective Trash Separator (CDS) units located in various locations in the City and in performing maintenance and cleanout of storm drainage infrastructure.

C.2.a. ►Street and Road Repair and Maintenance

Place an **X** in the boxes next to implemented BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type **NA** in the box. If one or more of these BMPs were not adequately implemented during the reporting fiscal year then indicate so and provide explanation in the comments section below.

X	Control of debris and waste materials during road and parking lot installation, repaving or repair maintenance activities from polluting stormwater
X	Control of concrete slurry and wastewater, asphalt, pavement cutting, and other street and road maintenance materials and wastewater from discharging to storm drains from work sites.
X	Sweeping and/or vacuuming and other dry methods to remove debris, concrete, or sediment residues from work sites upon completion of work.

Comments:

C.2.b. ►Sidewalk/Plaza Maintenance and Pavement Washing

Place an **X** in the boxes next to implemented BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type **NA** in the box. If one or more of these BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:

X	Control of wash water from pavement washing, mobile cleaning, pressure wash operations at parking lots, garages, trash areas, gas station fueling areas, and sidewalk and plaza cleaning activities from polluting stormwater
X	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs

Comments:

C.2.c. ►Bridge and Structure Maintenance and Graffiti Removal

Place an **X** in the boxes next to implemented BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type **NA** in the box. If one or more of these BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:

NA	Control of discharges from bridge and structural maintenance activities directly over water or into storm drains
X	Control of discharges from graffiti removal activities
X	Proper disposal for wastes generated from bridge and structure maintenance and graffiti removal activities
X	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs for graffiti removal

Comments:

The City of Oakland staff does not conduct bridge and/or structural maintenance activities directly over water. If necessary, this work would be contracted out to a Contractor.

All City Contractors are required to follow spill prevention and control measures and implement soil erosion controls and BMPs as stated in their contractual agreement with the City on all City projects.

C.2.d. ►Stormwater Pump Stations

Does your municipality own stormwater pump stations:	X	Yes		No

If your answer is **No** then skip to **C.2.e.**

(For FY 10-11Annual Report only) Complete the following table for dry weather DO monitoring and inspection data for pump stations[1] (add more rows for additional pump stations):

Pump Station Name and Location	First inspection Dry Weather DO Data		Second inspection Dry Weather DO Data	
	Date	mg/L	Date	mg/L
7th Street (@ Interstate 880)	**Not Applicable**	**Not Applicable**	**Not Applicable**	**Not Applicable**
105th Avenue (@ San Leandro Avenue)	**Not Applicable**	**Not Applicable**	**Not Applicable**	**Not Applicable**

(For FY 10-11Annual Report only) Summarize corrective actions as needed for DO monitoring at or below 3 mg/L. Attach inspection records of additional DO monitoring for corrective actions:

Summary:
Weather DO Monitoring and Data Collection at the City of Oakland Stormwater Pump Stations is not required. As stated in Section C.2.d.ii.(2) of the MRP, "DO monitoring is exempted where all discharge from a pump station remains in the stormwater collection system or infiltrates into a dry creek immediately downstream.

Attachments: **Not Applicable**

(For FY 10-11Annual Report only) Complete the following table for wet weather inspection data for pump stations (add more rows for additional pump stations):

Pump Station Name and Location	Date (2x/year required)	Presence of Trash (Cubic Yards)	Presence of Odor (Yes or No)	Presence of Color (Yes or No)	Presence of Turbidity (Yes or No)	Presence of Floating Hydrocarbons (Yes or No)
7th Street (@ Interstate 880)	**Not Applicable**	**Not Applicable**	**Not Applicable**	**Not Applicable**	**Not Applicable**	**Not Applicable**
105th Avenue (@ San Leandro Avenue)	**Not Applicable**	**Not Applicable**	**Not Applicable**	**Not Applicable**	**Not Applicable**	**Not Applicable**

Summary:
Wet Weather Inspection Data was not required during FY 2009/ 2010. Monitoring as required in the MRP will be conducted in Fall of 2010.

[1] Pump stations that pump stormwater into stormwater collection systems or infiltrate into a dry creek immediately downstream are exempt from DO monitoring.

C.2.e. ►Rural Public Works Construction and Maintenance

Does your municipality own/maintain rural[2] roads:		**Yes**	**X**	**No**

If your answer is **No** then skip to **C.2.f**.

Place an **X** in the boxes next to implemented BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type **NA** in the box. If one or more of the BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:

	Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas
	Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources
	No impact to creek functions including migratory fish passage during construction of roads and culverts
	Inspection of rural roads for structural integrity and prevention of impact on water quality
	Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts and excessive erosion
	Re-grading of unpaved rural roads to slope outward where consistent with road engineering safety standards, and installation of water bars as appropriate
	Inclusion of measures to reduce erosion, provide fish passage, and maintain natural stream geomorphology when replacing culverts or design of new culverts or bridge crossings

Comments including listing increased maintenance in priority areas:

[2] Rural means any watershed or portion thereof that is developed with large lot home-sites, such as one acre or larger, or with primarily agricultural, grazing or open space uses.

C.2.f. ►Corporation Yard BMP Implementation

Place an **X** in the boxes below that apply to your corporation yard(s):

	We do not have a corporation yard
	Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit
X	We certify that we have a current **Stormwater Pollution Prevention Plan (SWPPP)** for the Corporation Yard(s)

Place an **X** in the boxes below next to implemented SWPPP BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type **NA** in the box. If one or more of the BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:

X	Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment
X	Routine inspection prior to the rainy seasons of corporation yard(s) to ensure non-stormwater discharges have not entered the storm drain system
X	Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method
X	Use of dry cleanup methods when cleaning debris and spills from corporation yard(s) or collection of all wash water and disposing of wash water to sanitary or other location where it does not impact surface or groundwater when wet cleanup methods are used
X See Comments	Cover and/or berm outdoor storage areas containing waste pollutants

Comments:

BMPs such as cover and/or berms are implemented in most outdoor storage areas containing waste pollutants at the City corporation yards, but the soil stockpile and sand bag operations at the corporation yards do not currently have cover. BMPs currently implemented in these areas include keeping the material pushed up in the stockpile bin and performing sweeping in the area to prevent impacts to stormwater runoff. The City is evaluating potential additional upgrades (light weight covers to the soil stockpile bins) to the existing BMPs to prevent rain and wind erosion of the stockpiled materials.

If you have a corporation yard(s) that is not an NOI facility, complete the following table for inspection results for your corporation yard(s) or attach a summary including the following information:

Corporation Yard Name	**Inspection Date** (1x/year required)	**Inspection Findings/Results**	**Follow-up Actions**
Municipal Service Center	**August 2009**	**All areas observed were documented as having a high potential for pollutant discharge. The BMPs that were documented by the Oakland Fire Department inspector as not being effective were uncovered electronic waste and uncovered waste bins.**	**The situation was corrected and electronic waste stored outdoors is now enclosed in a metal storage container.**

		Pertaining to the stormwater portion of the inspection, the Oakland Fire Department issued a Notice of Violation during the August 2009 inspection because electronic waste was being stored outdoors in an uncovered area.	
Shepherd Canyon	**February 2010**	**BMPs implemented were effective; Outdoor areas were documented as a high potential for pollutant discharge.**	**None**
750 50th Avenue and 5050 Coliseum Way	**February 2010**	**Outdoor areas were documented as having a low to medium potential for pollutant discharge.** **The BMPs that were documented by the Oakland Fire Department inspector, as needing improvement were sweeping the site, and cleaning up metal, drums, and debris.**	**Monthly sweeping has been initiated since this inspection occurred.** **The drums and debris have been removed from the outdoor storage area of the 5050 Corporation Yard.**

Section 3 - Provision C.3 Reporting New Development and Redevelopment

C.3.a. ►New Development and Redevelopment Performance Standard Implementation Summary Report

(For FY 10-11Annual Report only) Provide a brief summary of the methods of implementation of Provisions C.3.a.i.(1)-(8).

Summary: **NOT APPLICABLE**

C.3.b. ►Green Streets Status Report

(All projects to be completed by December 1, 2014)

On an annual basis (if applicable), report on the status of any pilot green street projects within your jurisdiction. For each completed project, report the capital costs, operation and maintenance costs, legal and procedural arrangements in place to address operation and maintenance and its associated costs, and the sustainable landscape measures incorporated in the project including, if relevant, the score from the Bay-Friendly Landscape Scorecard. [Note: this applies only to agencies planning to implement pilot green streets projects. If you are planning a pilot green streets project, summarize project status.]

Summary:

No green street pilot projects are planned in Oakland at this time. The City of Oakland is coordinating with the Bay Area Stormwater Management Agencies Association (BASMAA), Urban ReLeaf, and the San Francisco Estuary Project to identify potential green street pilot projects.

C.3.b.v.(1) ►Regulated Projects Reporting Table

Fill in attached table **C.3.b.v.(1)** or attach your own table including the same information

C.3.h.iv. ► Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting

(1) Fill in attached table **C.3.h.iv.(1)** or attach your own table including the same information

(2) On an annual basis, provide a discussion of the inspection findings for the year and any common problems encountered with various types of treatment systems and/or HM controls. This discussion should include a general comparison to the inspection findings from the previous year.

Summary:

All of the inspected treatment measures appeared to be in proper condition. No inspection follow-up activities or corrections were required. The results from this past year were the same as from the previous year (i.e., all inspected treatment measures appeared to be in proper condition).

(3) On an annual basis, provide a discussion of the effectiveness of the O&M Program and any proposed changes to improve the O&M Program (e.g., changes in prioritization plan or frequency of O&M inspections, other changes to improve effectiveness program).

Summary:

In response to budget cuts during the last fiscal year, the O&M Program was modified so that the responsibility for coordinating the O&M inspections transferred from the Construction Inspection unit to the Zoning Inspection unit within the City's Building Services Division. This change will improve the effectiveness of the O&M Program. The Zoning Inspection unit is responsible for monitoring compliance with the conditions of approval. C.3 requirements are attached to a project via the project's conditions of approval. The Zoning Inspection unit will be able to incorporate O&M inspections into ongoing activities conducted to verify compliance with the project's conditions of approval. The O&M Program is currently operating effectively due to the limited number of projects with installed treatment measures subject to O&M verification. In order to maintain the effectiveness of the program as more treatment measures are installed, more treatment measures are inspected, and more follow-up activities are required, the City plans to better automate the tracking, scheduling, and follow-up of the development projects and inspections by developing a new electronic database.

C.3.b.v.(1) ►Regulated Projects Reporting Table (part 1) – Projects Approved During the Fiscal Year Reporting Period

Project Name Project No.	Project Location[3], Street Address	Name of Developer	Project Phase No.[4]	Project Type & Description[5]	Project Watershed[6]	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New and/or Replaced Impervious Surface Area[7] (ft^2)	Total Pre-Project Impervious Surface Area[8] (ft^2)	Total Post-Project Impervious Surface Area[9] (ft^2)
Private Projects										
1. 3800 Coolidge Ave.	3800 Coolidge Ave. @ Madeline St.	Affordable Housing Associates	N/A	Residential redevelopment: Replacement of existing buildings with construction of three new buildings totaling 20,730 sq. ft. of floor area at an existing residential care facility	Peralta Creek (San Leandro Bay)	0.9	0.3	11,883	13,380	11,883
2. Fruitvale Village II	East 12th St. @ 35th Ave.	Unity Council & Signature Properties	Master Plan for all phases	Residential redevelopment: Master Plan for phased construction of 275 residential units	Sausal Creek (Oakland Estuary)	3.4	3.4	129,373	131,987	129,373
3. 9800 MacArthur Blvd.	9800 MacArthur Blvd. @ 98th Ave.	Amcal Multi-Housing, Inc.	N/A	Mixed-Use New Development: Construction of 32 affordable residential units and 1,947 sq. ft. of commercial space	San Leandro Creek (San Leandro Bay)	0.6	0.6	21,286	0	21,286

[3] Include cross streets.
[4] If a project is being constructed in phases, use a separate row entry for each phase.
[5] Project Type is the type of development (i.e., new and/or redevelopment). Example descriptions of development are: 5-story office building, residential with 160 single-family homes with five 4-story buildings to contain 200 condominiums, 100 unit 2-story shopping mall, mixed use retail and residential development (apartments), industrial warehouse.
[6] State the watershed(s) that the Regulated Project drains to. Optional but recommended: Also state the downstream watershed(s).
[7] State both the total new impervious surface area and the total replaced impervious surface area, as applicable.
[8] For redevelopment projects, state the pre-project impervious surface area.
[9] For redevelopment projects, state the post-project impervious surface area.

C.3.b.v.(1) ►Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period

Project Name Project No.	Status of Project[10]	Source Control Measures[11]	Site Design Measures[12]	Treatment Systems Approved[13]	Operation & Maintenance Responsibility Mechanism[14]	Hydraulic Sizing Criteria[15]	Alternative Compliance Measures[16/17]	Alternative Certification[18]	HM Controls[19/20]
Private Projects									
1. 3800 Coolidge Ave.	Planning application submitted 7/20/09; complete 12/18/09; approved 2/11/10	Roofed trash enclosure	Reduced impervious surface; extensive open space/ landscaping	Bioretention areas	Maintenance agreement with owner	City to review and determine specific sizing requirements during application for construction permits	N/A	N/A	Not required: Impervious surface < 1 acre; decrease in impervious surface
2. Fruitvale Village II	Planning application submitted 6/5/08; complete 1/14/10; approved 5/19/10	Marked inlets; parking garage discharge treated; rooftop equipment covered	Compact bldg footprint; urban infill site; structured parking	Considering bioretention areas; vegetated buffer strips; flow-through planters; media filters[21]	Maintenance agreement with owner	City to review and determine specific sizing requirements during application for construction permits	N/A	N/A	Not required: Decrease in impervious surface; discharges to underground culverts
3. 9800 MacArthur	Planning	Marked inlets;	Compact	Flow-through	Maintenance	City to review and	N/A	N/A	Not required:

[10] For private projects, state project application submittal date; application deemed complete date; and, final discretionary approval date. For public projects, state plans and specifications approval date.
[11] List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.
[12] List site design measures approved for the project. Examples include: minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils; construct sidewalks, walkways, and/or patios with permeable surfaces, etc.
[13] List all approved stormwater treatment system(s) to be installed onsite or at a joint stormwater treatment facility (e.g., flow through planter, bioretention facility, infiltration basin, etc.).
[14] List the legal mechanism(s) (e.g., O&M agreement with private landowner; O&M agreement with homeowners' association; O&M by public entity, etc…) that have been or will be used to assign responsibility for the maintenance of the post-construction stormwater treatment systems.
[15] See Provision C.3.d. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3)
[16] For Alternative Compliance at an offsite location in accordance with Provision C.3.e.i.(1), on a separate page, give a discussion of the alternative compliance site including the information specified in Provision C.3.b.v.(1)(m)(i) for the offsite project.
[17] For Alternative Compliance by paying in-lieu fees in accordance with Provision C.3.e.i.(2), on a separate page, provide the information specified in Provision C.3.b.v.(1)(m)(ii) for the Regional Project.
[18] Note whether a third party was used to certify the project design complies with Provision C.3.d.
[19] If HM control is not required, state why not.
[20] If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), biodetention unit(s), regional detention basin, or in-stream control).
[21] Project is a conceptual master plan for a multi-phased development. The specific treatment systems to be incorporated into the project will be reviewed and approved during design review for each phase.

C.3.b.v.(1) ►Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period

Project Name Project No.	Status of Project[10]	Source Control Measures[11]	Site Design Measures[12]	Treatment Systems Approved[13]	Operation & Maintenance Responsibility Mechanism[14]	Hydraulic Sizing Criteria[15]	Alternative Compliance Measures[16/17]	Alternative Certification[18]	HM Controls[19/20]
Blvd.	application submitted 5/10/10; complete 5/21/10; approved 6/16/10	parking garage discharge treated; rooftop equipment covered	bldg footprint; urban infill site; structured parking	planters; tree-well filters	agreement with owner	determine specific sizing requirements during application for construction permits			Impervious surface < 1 acre

C.3.h.iv. ►Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting

Fill in table **below** or attach your own table including the same information.

Facility/Site Inspected and Location	Party Responsible[22] For Maintenance	Date of Inspection	Type of Inspection[23]	Type of Treatment/HM Control(s) Inspected[24]	Inspection Findings or Results[25]	Enforcement Action Taken[26]	Comments
Arcadia Park (98th Ave. @ San Leandro St.)	Owner (Pulte Homes)	8/30/10	Annual O&M	Vegetated swales	Treatment controls appeared in proper condition. No corrections or follow-up actions required.	None required	
Lake Merritt Boathouse (Lake Chalet; 1520 Lakeside Dr.)	Owner (City of Oakland)	8/30/10	Annual O&M	Vegetated swales	Treatment controls appeared in proper condition. No corrections or follow-up actions required.	None required	This is not a Regulated Project under Provision C.3. Treatment controls were voluntarily installed by the City of Oakland.

[22] State the responsible operator for installed stormwater treatment systems and HM controls.
[23] State the type of inspection (e.g., annual, follow-up, spot, etc.).
[24] State the type(s) of treatment systems inspected (e.g., bioretention facility, flow-through planter, infiltration basin, etc…) and the type(s) of HM controls inspected, and indicate whether the treatment system is an onsite, joint, or offsite system.
[25] State the inspection findings or results (e.g., proper installation, improper installation, proper O&M, immediate maintenance needed, etc.).
[26] State the enforcement action(s) taken, if any, as appropriate and consistent with your municipality's Enforcement Response Plan.

Section 4 – Provision C.4 Industrial and Commercial Site Controls

C.4.a.ii ► Legal Authority

(For FY 09-10 Annual Report only) Do you have adequate legal authority to obtain effective stormwater pollutant control on industrial sites?	X	**Yes**		**No**
If **No**, explain:				

C.4.c.ii.(5) ► Enforcement Response Plan

(For FY 09-10 Annual Report only) Have you developed and implemented an Enforcement Response Plan by April 1, 2010?	X	**Yes**		**No**
If **No**, explain:				

Program Highlights

Provide background information, highlights, trends, etc. For FY 09-10 Annual Report describe steps taken to revise your program to meet new data tracking and reporting requirements.

The City's estimated goal for total Industrial and Commercial Business Inspections conducted for FY 2009/2010 was 1,200 inspections. During the FY 2009/2010 reporting period, the City exceeded its FY 2009/10 Industrial and Commercial Work Plan goals by conducting a total of 1,215 Industrial and Commercial inspections.

All RWQCB Notice of Intent (NOI) facilities were inspected during the FY 2009/2010 reporting period. A total of 93 Re-Inspection and 26 Response to Complaint inspections were conducted in the City of Oakland in FY 2009/2010.

Based on a review and evaluation of FY 2009/2010 Industrial and Commercial Stormwater Facility Inspection results, small automotive repair facilities were the most prevalent business type commonly in violation of Local, State, and/or Federal stormwater regulations. These facilities commonly had improper or ineffective BMPs implemented, and business owners were unaware of Local, State, and/or Federal stormwater regulations. The City increased its number of inspections for automotive repair shops during FY 2009/2010 in an attempt to obtain compliance from as many facilities as possible. Additionally, inspectors have routinely provided educational materials to business owners so that they are knowledgeable of stormwater regulations, and potential violations and BMPs for their sites.

The standard procedures followed by City staff for performing industrial and commercial facility stormwater inspections includes the following:

1. **Review of Stormwater Pollution Protection Plan (SWPPP) – if applicable**
2. **Review and comparison of stormwater monitoring results to stormwater thresholds and limits set forth in the SWPPP – if applicable**
3. **Evaluate current BMPs in use, and determine whether they are appropriate and/or adequate for the facilities operations**
4. **Recommend/require additional or upgrades to the existing BMPs, and provide examples and potential options/upgrades to be implemented**
5. **Conduct any necessary enforcement**
6. **Review of Oakland Municipal Codes and State regulations**
7. **Distribute education outreach materials including pamphlets and handouts detailing the impacts of stormwater pollutants and non-stormwater discharges on the environment, aquatic life, birds, and other wildlife, the City Storm Drainage System, local creeks, and the San Francisco Estuary and Bay.**

In addition to the above protocol City staff conducts enforcement as necessary to obtain compliance with local, State and Federal stormwater regulations. Enforcement may include issuing Notice of Violations and enforcement letters (such as Show Cause Letters). For more severe enforcement cases, fines/fees are issued, and may be referred to the City Attorney, the County District Attorney, or other regulatory agencies for additional enforcement.

C.4.b.i. ► Business Inspection Plan

(For FY 09-10 Annual Report only) Do you have a Business Inspection Plan?	X	Yes		No

If No, explain:

C.4.b.iii.(1) ► Potential Facilities List

List below or attach your list of industrial and commercial facilities in your Inspection Plan to inspect that could reasonably be considered to cause or contribute to pollution of stormwater runoff.

SEE ATTACHED LIST OF FACILITIES –

A query of the County of Alameda Business Records identified a total of 48,201 businesses in the City of Oakland. Of the 48,201 business identified in the City of Oakland, 35,546 businesses were determined to have a very low to no potential for causing stormwater impacts. These businesses included residential rentals, home businesses, and other businesses that were not a potential to impact stormwater runoff from their site.

Attached to this Annual Report is a list of 11,837 businesses located in the City of Oakland that could reasonably be considered to have some potential to cause or contribute to the pollution of stormwater runoff.

Of the 11,837 businesses included on the potential facility list, the City is planning on conducting an estimated 6,000 inspections at facilities that may have more potential to cause stormwater impacts over the five year permit period (approximately greater then 50% of the total number of businesses in the City of Oakland that could reasonably be considered to cause or contribute to the pollution of stormwater runoff), and the City plans to conduct stormwater inspections at industrial and commercial facilities at an average rate of approximately 1,200 inspections per year.

C.4.b.iii.(2) ►Facilities Scheduled for Inspection

List below or attach your list of facilities scheduled for inspection during the current fiscal year.

The City of Oakland plans to conduct an estimated 1,200 stormwater inspections during the FY 2010/2011.

Currently, a total of 110 Notice of Intent (NOI) Facilities located in the City of Oakland have obtained coverage under the Industrial General Permit and are listed as NOI Facilities in the California Regional Water Quality Control Board (RWQCB) Database. Of the 110 NOI Facilities, 21NOI Facilities are in the Port of Oakland jurisdiction. The City of Oakland is responsible for conducting industrial and commercial stormwater facility inspections at the remaining 89 NOI Facilities.

The City of Oakland plans to conduct stormwater inspections at the following facilities during FY 2010/2011 including all 89 NOI Facility stormwater inspections under the City's jurisdiction.

Annual Work Plan Goals

Business Type	Number of Estimated Facility Inspections
NOI Facilities	89
Fueling Facilities	325
Automotive Related Businesses	325
Manufacturing/Industrial/Machine Facilities	100
Construction Related Businesses	50
Food Related Businesses	100
Miscellaneous Businesses	211
TOTAL INSPECTIONS	1,200

C.4.c.iii.(1) ►Facility Inspections

Fill out the following table or attach a summary of the following information.

	Number	Percent
Number of businesses inspected (if known)	1,122	
Total number of inspections conducted	1,215	
Violations issued (excluding verbal warnings)	81	
Sites inspected in violation	81	7.5%
Violations[1] resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner	78	96.3%

[1] Total number of violations equals the number of initial enforcement actions (i.e. one violation issued for several problems during an inspection at a site). It does not equal the total number of enforcement actions because one violation issued at a site may have a second enforcement action for the same violation at the next inspection if it is not corrected.

C.4.c.iii.(2) ►Frequency and Types/Categories of Violations Observed

Fill out the following table or attach a summary of the following information.

Type/Category of Violations Observed	Number of Violations
Actual discharge (e.g. non-stormwater discharge)	**2**
Potential discharge (e.g. BMPs not in place or ineffective)	**79**

C.4.c.iii.(2) ►Frequency and Type of Enforcement Conducted

Fill out the following table or attach a summary of the following information.

	Enforcement Action (as listed in ERP)[1]	Number of Enforcement Actions Taken	% of Enforcement Actions Taken[2]
Level 1	**Written Warnings**	**77**	**95%**
Level 2	**Show Cause Letters**		
Level 3	**Administrative Enforcement Order**	**3**	**3.7%**
Level 4	**City Attorney / County District Attorney**	**1**	**1.3%**
Total		**81**	**100%**

Notes:

[1]Agencies to list specific enforcement actions as defined in their ERPs.

[2]Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

C.4.c.iii.(3) ►Types of Violations Noted by Business Category

Fill out the following table or attach a summary of the following information.

Business Category[1]	Actual Discharge Violations	Potential Discharge Violations
Animal Care/Boarding		
Auto Gas/Fueling Stations		8
Auto Repair and Service		24
Automotive Miscellaneous		3
Boat/Marinas		1
Construction/Contractor	1	1
Dental Offices		
Dry Cleaners		
Industrial		
Laboratory		
Machine Shop		
Manufacturing		4
Miscellaneous	1	7
Mobile Cleaners		
Municipal/Schools		3
NOI Facilities		21
Other Permits		3
Parking Lots, Plazas		
Photo Developing/Processing		
Printing		
Restaurants		
Retail Food Services		1
Retail/Wholesale		1
Transportation/Corporation Yards		1
Utility		
Waste Related		1

Notes:

[1] List your Program's standard business categories.

C.4.c.iii.(4) ►Non-Filers

List below or attach a list of the facilities required to have coverage under the Industrial General Permit but have not filed for coverage:

Business Name	Owner Information	Facility Address
E&F Demolition	Eladio Perez 336 Park Street San Leandro, CA 94577	750 98th Avenue Oakland, CA

C.4.d.iii ►Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
Clean Water Program Inspector Training for Businesses and Illicit Discharges	October 15, 2009	Urban runoff pollution prevention, Inspection procedures, and Illicit Discharge Detection, Elimination and follow-up.	4	100%

Section 5 – Provision C.5 Illicit Discharge Detection and Elimination

C.5.a.ii ► Legal Authority

(For FY 09-10 Annual Report only) Do you have adequate legal authority to prohibit and control illicit discharges and escalate stricter enforcement to achieve expedient compliance?	X	**Yes**		**No**
If **No**, explain:				

C.5.b.ii.(4) ► Enforcement Response Plan

(For FY 09-10 Annual Report only) Have you developed and implemented an Enforcement Response Plan by April 1, 2010?	X	**Yes**		**No**
If **No**, explain:				

Program Highlights

Provide background information, highlights, trends, etc. For FY 09-10 Annual Report describe steps taken to revise your program to meet new data tracking and reporting requirements.

During FY 2009/2010, the City of Oakland communicated complaints to the appropriate personnel, responded to illicit discharge complaints, and addressed existing reported non-stormwater discharges in a quick and efficient manner. Staff is responsive in performing inspections and enforcement for incidents identified by complaints and field identified issues.

Illicit discharge cases are addressed by multiple City agencies and departments including staff from Watershed and Stormwater Management (WSM) of the Public Works Agency (PWA), Department of Engineering and Construction (PWA-WSM), Community and Economic Development Agency (CEDA) Code Enforcement and Construction Inspection staff, and the Oakland Fire Department – Fire Prevention Bureau (OFD-FPB) staff. Cleanup of illicit discharges are generally conducted by PWA Maintenance Division, the OFD- Hazardous Material Division or contracted hazardous waste remediation/disposal contractors. Illicit discharges incidents are sent to PWA – WSM staff for recording and additional enforcement and follow-up, if necessary

Illicit discharge complaints are received in multiple ways including:

- **Indirectly from the PWA Hotline**
- **Directly through e-mail and phone calls received by the PWA - WSM Hotline and individual staff**
- **Referrals from other City department**
- **Referrals from regulatory agencies**

Illicit discharge complaints may be fielded by staff in any of the above City agencies or departments. Complaints are then forwarded to staff in the PWA Hotline Call Center. The PWA Hotline Call Center then takes the complaint call and refers the complaint to the appropriate staff in the various City agencies or departments. The PWA Hotline Call Center referral may include multiple referrals depending on the type and severity of the illicit discharge.

City staff also works with local agencies and utility companies (such as the East Bay Municipal Utility District [EBMUD], the East Bay Regional Parks District [EBRPD], and the Alameda County Flood Control District [ACFCD]) to maximize efficiency, streamline efforts, and work together as a cohesive group to increase response and reduce the time for obtaining compliance.

C.5.c.iii ►Complaint and Spill Response Phone Number and Spill Contact List

List below or attach your complaint and spill response phone number and spill contact list.

Contact	Description	Phone Number
Oakland Fire Department – Hazardous Materials	**Hazardous Materials Spill / Releases**	**(510) 444-3322 or "911"**
Public Works Agency Hotline	**Illicit Discharges**	**(510) 615-5566**
Craig Pon	**Illicit Discharges**	**(510) 238-6544**

C.5.d.iii ►Evaluation of Mobile Business Program

Describe implementation of minimum standards and BMPs for mobile businesses and your enforcement strategy. This may include participation in the BASMAA Mobile Surface Cleaners regional program or local activities.

Description**: See Clean Water Program FY 2009/10 Report. See BASMAA FY 2009/10 report on mobile surface cleaners program.**

C.5.e.iii ►Evaluation of Collection System Screening Program

Provide a summary or attach a summary of your collection screening program, a summary of problems found during collection system screening and any changes to the screening program this FY.

Description:

The staff in the Storm Drain Maintenance Section of the City of Oakland, Public Works Agency, Department of Infrastructure and Operations, Infrastructure Maintenance Division (PWA-Storm Drains) has a goal to inspect and perform maintenance of 7,594 storm drain inlets annually. In addition, PWA Storm Drains staff inspect, monitor and perform maintain on drainage facilities such as weirs, culverts, V-ditches, pump stations, Trash Centrifugal Deflection Separators (CDS) Unit as necessary. Additional inspections occur on a complaint basis and request for service. During the dry season routine inspection/monitoring/maintenance is conducted at storm drainage facility "Hot Spots" to eliminate flooding and discharge of pollutants into the storm drainage system. During the rainy season additional maintenance is conducted on an emergency and/or complaint basis. Methods for cleaning storm inlets and pipes may include manually cleaning with hand tools (Shovels, Clams and Steel Rods), and large equipment such as Combination Flusher/Vacuum truck, Power Rodders, and Closed Caption Television (CCTV) trucks.

City of Oakland, Public Works Agency Maintenance staff are routinely trained in HAZWOPER Awareness Training which includes spill response protocols. Maintenance staff contains spill areas immediately to prevent discharge of pollutants into the storm drain system. City Public Works Agency Maintenance staff reports spills to their supervisors and job site foremen so that appropriate measures and follow-up can occur. If necessary, spills are reported to staff in PWA-Watershed and Stormwater Management to determine an appropriate follow-up response.

During FY 2009/2010, the survey/screening of the collection system resulted in the identification of only a few illicit discharges. The most prevalent types of the problems found during these the collection system screening survey included clogged storm inlets due to trash and debris, sediment. The survey/screening of the collection system proved to be valuable in that they enabled City staff to identify existing problems and potential problematic areas such as infrastructure damage (storm drain inlets, manholes, etc.) due to 60 to 70 years of service and/or the need for required maintenance (e.g.

trash racks full of leaf debris and trash, manholes containing irregular structures, cleanout of infrastructure, etc.).

In addition to the efforts of the staff in PWA - Storm Drains listed above, staff from the City of Oakland PWA - WSM conducts inspection of open channel creek and waterways. In FY 2009/2010, the City conducted survey/screening inspections of over 100 open channel creek and waterway locations in the City of Oakland. The survey/screening of open channel creek and waterways were successful at identifying violations of the City's Creek, Estuary, Lakeside Protection, and Stormwater Management Ordinance.

C.5.f.iii.(1), (2), (3) ►Spill and Discharge Complaint Tracking

Spill and Discharge Complaint Tracking (fill out the following table or include an attachment of the following information)

	Number	Percentage
Discharges reported (C.5.f.iii.(1))	**189**	
Discharges reaching storm drains and/or receiving waters (C.5.f.iii.(2))	**85**	**44.97%**
Discharges resolved in a timely manner (C.5.f.iii.(3))	**52 See Comment**	**Not Available See Comment**

Comments:

The 52 discharges that were resolved in a timely manner listed above do not include Hazardous Materials response and cleanup actions conducted by the Oakland Fire Department (OFD) Hazardous Materials (HazMat) Response Teams.

The OFD-HazMat operates under a standard of protocol (SOP) that indicates that staff responds to reported discharges within 24-48 hours from the time the incident is reported. Response to reported discharges are prioritized by the type / volume of material discharged and the location of the discharge (e.g. discharges close to highly sensitive areas). Discharges to storm drains and/or receiving waters are prioritized as a top priority for immediate response.

C.5.f.iii.(4) ►Summary of major types of discharges and complaints

Provide a narrative or attach a table and/or graph.

The most common types of illicit discharges that occurred in the City of Oakland during FY 2009/2010 were spilled automotive fluids and paint from illegal dumping around the City. Although automotive fluids and paint from illegal dumping were the major types of illicit discharge observed during FY 2009/2010, the types of discharges that made the most significant impacts were a result of various types of construction including discharges of paint, concrete, sediment and results of utility line and infrastructure repairs. These types of illicit discharges were not necessarily large in size, but the combination and nature of the material being discharges with flow into storm drain inlets and receiving water had a larger cumulative effect then the small discharges of automotive fluids and paint that may have flowed away from the location of the illicit discharge.

Section 6 – Provision C.6 Construction Site Controls

C.6.a.iii ► Legal Authority

(For FY 09-10 Annual Report only) Is your agency's legal authority adequate for C.6 compliance?	X	**Yes**		**No**
If **No**, explain:				

C.6.b.ii.(3) ► Enforcement Response Plan

(For FY 09-10 Annual Report only) Was your Enforcement Response Plan developed and implemented by April 1, 2010?	X	**Yes**		**No**
If **No**, explain:				

C.6.e.iii.1.a, b, c ►Site/Inspection Totals

Number of sites disturbing < 1 acre of soil requiring storm water runoff quality inspection (i.e. High Priority) (C.6.e.iii.1.a)	**Number of sites disturbing ≥ 1 acre of soil** (C.6.e.iii.1.b)	**Total number of storm water runoff quality inspections conducted** (C.6.e.iii.1.c)
Not Available – See Narrative in Evaluation of Inspection Data	**Not Available – See Narrative in Evaluation of Inspection Data**	**Not Available – See Narrative in Evaluation of Inspection Data**

C.6.e.iii.1.d ►Construction Activities Storm Water Violations

BMP Category	Number of Violations[1]	% of Total Violations[2]
Erosion Control	**Not Available**	**See Narrative in Evaluation of Inspection Data**
Run-on and Run-off Control	**Not Available**	**See Narrative in Evaluation of Inspection Data**
Sediment Control	**Not Available**	**See Narrative in Evaluation of Inspection Data**
Active Treatment Systems	**Not Available**	**See Narrative in Evaluation of Inspection Data**
Good Site Management	**Not Available**	**See Narrative in Evaluation of Inspection Data**
Non Stormwater Management	**Not Available**	**See Narrative in Evaluation of Inspection Data**
Total	**Not Available**	**See Narrative in Evaluation of Inspection Data**

Notes:
[1]Count one violation in a category for each site and inspection regardless of how many violations/problems occurred in the BMP category.
[2]Percentage calculated as number of violations in each category divided by total number of violations in all six categories.

C.6.e.iii.1.e ►Construction related storm water enforcement actions

	Enforcement Action (as listed in ERP)[1]	Number Enforcement Actions Taken	% Enforcement Actions Taken[2]
Level 1	**Not Available – See Narrative in Evaluation of Inspection Data**	**Not Available – See Narrative in Evaluation of Inspection Data**	**Not Available – See Narrative in Evaluation of Inspection Data**
Level 2	**Not Available – See Narrative in Evaluation of Inspection Data**	**Not Available – See Narrative in Evaluation of Inspection Data**	**Not Available – See Narrative in Evaluation of Inspection Data**
Level 3	**Not Available – See Narrative in Evaluation of Inspection Data**	**Not Available – See Narrative in Evaluation of Inspection Data**	**Not Available – See Narrative in Evaluation of Inspection Data**
Level 4	**Not Available – See Narrative in Evaluation of Inspection Data**	**Not Available – See Narrative in Evaluation of Inspection Data**	**Not Available – See Narrative in Evaluation of Inspection Data**
Total	**Not Available – See Narrative in Evaluation of Inspection Data**	**Not Available – See Narrative in Evaluation of Inspection Data**	**Not Available – See Narrative in Evaluation of Inspection Data**

Notes:
[1]Agencies should list the specific enforcement actions as defined in their ERPs.
[2]Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

C.6.e.iii.1.f, g ►Illicit Discharges

	Number
Number of illicit discharges, actual and those inferred through evidence (C.6.e.iii.1.f)	**Not Available – See Narrative in Evaluation of Inspection Data**
Number of sites with discharges, actual and those inferred through evidence (C.6.e.iii.1.g)	**Not Available – See Narrative in Evaluation of Inspection Data**

C.6.e.iii.1.h, i ►Violation Correction Times

	Number	Percent
Violations fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii.1.h)	**Not Available – See Narrative in Evaluation of Inspection Data**	**Not Available – See Narrative in Evaluation of Inspection Data**
Violations not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)	**Not Available – See Narrative in Evaluation of Inspection Data**	**Not Available – See Narrative in Evaluation of Inspection Data**
Total number of violations for the reporting year[1]	**Not Available – See Narrative in Evaluation of Inspection Data**	**Not Available – See Narrative in Evaluation of Inspection Data**

Notes:

[1]Total number of violations equals the number of initial enforcement actions (i.e. one violation issued for several problems during an inspection at a site). It does not equal the total number of enforcement actions because one violation issued at a site may have a second enforcement action for the same violation at the next inspection if it is not corrected.

[2]Calculated as number of violations fully corrected in a timely period after the violations are discovered divided by the total number of violations for the reporting year.

[3]Calculated as number of violations not fully corrected within 30 days after the violations are discovered divided by the total number of violations for the reporting year.

C.6.e.iii.(2) ►Evaluation of Inspection Data

Describe your evaluation of the tracking data and data summaries and provide information on the evaluation results (e.g., data trends, typical BMP performance issues, comparisons to previous years, etc.).

Description:

The City of Oakland construction inspection, complaint, violation, and enforcement records were not available during the preparation of the FY 2009/ 2010 Annual Report. Inspections, complaints, violations, and enforcements are input into the City's Permit Tracking System (PTS) on a routine basis and as cases/projects progress. Construction inspectors refer to their notes, schedules, and various other information input into the PTS System to aid in follow up actions. Data input into the PTS System was not readily available or extractable from the PTS System during the creation of this Annual Report. Reports and data are normally generated from PTS and electronically exported for reporting purposes.

C.6.e.iii.(2) ►Evaluation of Inspection Program Effectiveness

Describe what appear to be your program's strengths and weaknesses, and identify needed improvements, including education and outreach.

Description:

Staff in the Construction Inspection Program of the City of Oakland, Community and Economic Development Agency (CEDA), Building Services – Code Enforcement appears to be effective at performing inspections and enforcement of complaint cases and routine permit inspections. Additionally, staff have been effective in obtaining compliance by implementing enforcement protocols such as issuing correction notices, fines / fees, and property liens, suspension of existing permits, and implementing protocols to stop or delay work and future inspection without obtaining compliance.

Complaint reports are fielded and responded to in a quick responsive manner. This is attributed to the fact that CEDA - Building Services fields complaints directly in person, by phone and voicemail, and e-mail. The complaints are entered in and compiled in the City of Oakland Permit Tracking System (PTS), and distributed to inspectors for follow-up.

Some of the weaknesses observed in the Construction Inspection Program include large case loads and limited funds / resources for training staff. Additionally, data input into the PTS System could not be queried or quantified during the creation of this Annual Report creating reporting and some potential tracking issues. Although these weaknesses are apparent, the staff in the Construction Inspection Program continues to revise processes and protocols in an effort to be more efficient by managing case / work loads with existing staff.

C.6.f ►Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
Clean Water Program Training the Trainers Session on MRP Construction Site Inspection Requirements	**March 9, 2010**	**Permit requirements, ERP requirements, tools for construction site inspections and tracking**	**1**	**See Comments**
2009-009-DWG NPDES Construction General Permit (CGP) Overview Workshop for Region 2 at the RWQCB	**April 27, 2010**	**Review of the NPDES CGP, summary of "Implementing the New Construction Storm Water Permit," examples of violations of the NPDES CGP, summary of enforcement and potential penalties, review of RWQCB contacts.**	**7**	**See Comments**

Comments:

The City of Oakland has set up protocols for key contact(s) and staff to attend workshops, trainings, and Alameda Countywide Clean Water Program subcommittee meetings. The intent of this protocol was for the key contacts to take responsibility for attending trainings and subcommittee meetings, and to be the City's representative / liaison for providing other staff members training information. In addition, this protocol was set up in an effort to maximize efficiency and schedules.

Section 7 – Provision C.7 Public Information and Outreach

C.7.b.ii.1 ►Advertising Campaign

Summarize advertising efforts. Include details such as messages, creative developed, and outreach media used. The detailed advertising report may be included as an attachment. If advertising is being done by participation in a countywide or regional program, refer to the separate countywide or regional Annual Report.

Summary: **See BASMAA FY 2009/10 report on the BASMAA Regional Advertising Campaign.**

C.7.b.iii.1 ►Pre-Campaign Survey

(For the FY 10-11 Annual Report only) Summarize survey information such as sample size, type of survey (telephone survey, interviews etc.). Attach a survey report that includes the following information. If survey was done regionally, refer to a regional submittal that contains the following information:

- Summary of how the survey was implemented.
- Analysis of the survey results.
- Discussion of the outreach strategies based on the survey results.
- Discussion of planned or future advertising campaigns to influence awareness and behavior changes regarding trash/litter and pesticides.

Place an **X** in the appropriate box below:

NA	Survey report attached
NA	Reference to regional submittal:

C.7.c ►Media Relations

Summarize the media relations effort. Include the following details for each media pitch in the space below, AND/OR refer to a regional report that includes these details:

- Topic and content of pitch
- Medium (TV, radio, print, online)
- Date of publication/broadcast

Summary: **See BASMAA FY 2009/10 report on the Regional Media Relations effort.**

C.7.d ►Stormwater Point of Contact

(For FY 09-10 Annual Report only, unless changes made) Provide details of website or phone number used as the point of contact. Report on how the point of contact is publicized and maintained. If any change occurs in this contact, report in a subsequent Annual Report.

Contact Summary: **See BASMAA FY 2009/10 report on the Regional point of contact. See Clean Water Program FY 2009/10 Report for details on countywide point of contact.**

Local point of contact is:
Kristin Hathaway
Watershed Program Specialist
(510) 238-6600
watersheds@oaklandnet.com

Point of contact information is publicized through City of Oakland Watershed and Stormwater Management website at www.oaklandpw.com/creeks and on publications and media / public outreach materials distributed by the Alameda Countywide Clean Water Program.

C.7.e ►Public Outreach Events

Describe general approach to event selection. Provide a list of outreach materials and giveaways distributed.
Use the following table for reporting and evaluating public outreach events

Event Details	**Description** (messages, audience)	**Evaluation of Effectiveness**
Provide event name, date, and location. Indicate if event is local, countywide or regional.	Identify type of event (e.g., school fair, farmers market etc.), type of audience (school children, gardeners, homeowners etc.) and outreach messages (e.g., Enviroscape presentation, pesticides, stormwater awareness)	Provide general staff feedback on the event (e.g., success at reaching a broad spectrum of the community, well attended, good opportunity to talk to gardeners etc.). Provide other details such as: • Estimated overall attendance at the event. • Number of people that visited the booth, comparison with previous years • Number of brochures and giveaways distributed • Results of any spot surveys conducted
Clean Water Program exhibit at the Alameda County Fair (countywide event).	**See Clean Water Program FY 2009/10 Report.**	**See Clean Water Program FY 2009/10 Report.**

The Lake Merritt Institute newsletter "Tidings" distribution **Occasional bulletin board postings around Lake Merritt.**	**Monthly distribution highlighting Lake Merritt events that includes summary of cleanup events / future cleanup events, provides information regarding Lake Merritt water quality and the impacts of stormwater runoff impacts, and etc.** **Occasional litter / trash reduction postings on bulletin boards located around Lake Merritt.**	**214 copies distributed by mail and e-mail on a monthly basis.**
Oakland Lakefest. 8/1& 8/2/09; Lakeshore neighborhood; local event	**Event Type: Community festival.** **Audience: Primarily Oakland residents.** **Outreach Message: Pesticide alternatives and stormwater pollution prevention materials distributed.**	**Attendance: 4,000** **Booth Visitors: 2,000** **Giveaways/literature distributed: 2,000**
Art & Soul Festival. 8/22 & 8/23/09; downtown Oakland; local event	**Event Type: Art & music festival.** **Audience: Primarily Oakland residents.** **Outreach Message: Pesticide alternatives and stormwater pollution prevention materials distributed; watershed awareness quiz game...**	**Attendance: 10,000** **Booth visitors: Estimated 5,000** **Giveaways/literature distributed: 3,000**
Oakland Volunteer Appreciation Event. 4/1/10; Lakeside Park, Oakland; local event	**Event type: Community appreciation event.** **Audience: Oakland residents that volunteer for the Adopt a Spot Program.** **Outreach Message: Pesticide alternatives. Native plant and stormwater pollution prevention materials distributed**	**Attendance: 200** **Booth visitors: 150** **Giveaways/literature distributed: 100**
Oakland Earth Expo. 4/14/10; Frank Ogawa Plaza, downtown Oakland; local event	**Event type: Environmental fair.** **Audience: Downtown Oakland workforce; Oakland residents.** **Outreach Message: Pesticide alternatives, creek and watershed protection awareness. Native plant and stormwater pollution prevention materials distributed.**	**Attendance: 4,000** **Booth Visitors: 2,000** **Giveaways/literature distributed: 2,000**
Clorox Environmental Fair. 4/23/10; Clorox Headquarters, Oakland; local event	**Event type: Environmental fair.** **Audience: Clorox employees.**	**Attendance: 300** **Booth visitors: 200**

	Outreach Message: Pesticide alternatives, Native plant and stormwater pollution prevention materials distributed.	**Giveaways/literature distributed: 150**
Creek Information and Rain Capture Information Distribution Project	**Information distributed as door hangers to homeowners in the Wildfire Assessment District and Hydrograph Modification Management Plan (HMP) area.**	**24,000 pamphlets including creek and rain capture information were included as part of the annual inspection notice distribution detailing fire vegetation management requirements by the Oakland Fire Department – Fire Prevention Bureau.**

C.7.f. ►Watershed Stewardship Collaborative Efforts

Summarize watershed stewardship collaborative efforts and/or refer to a regional report that provides details. Describe the level of effort and support given (e.g., funding only, active participation etc.). State efforts undertaken and the results of these efforts. If this activity is done regionally refer to a regional report.

Evaluate effectiveness by describing the following:

- Efforts undertaken
- Major accomplishments

Summary: **See Clean Water Program FY 2009/10 Report.**

- **Participate in meetings of the Alameda County Watershed Forum (ACWF). On June 8th Oakland staff gave a presentation to the ACWF regarding Oakland's creek restoration program and Measure DD Bond for Clean Water and Safe Parks. Presentation included field trip to the construction site of the Measure DD-funded 12th Street/Lake Merritt Channel Restoration.**
- **Participate in the BASMAA CW4CB Project Management Team to address pesticides in waterways.**
- **Facilitate the Lake Merritt Water Quality Technical Committee to address the listing of Oakland's Lake Merritt for trash and dissolved oxygen on the EPA's 303d List.**
- **Provide ongoing support to the restoration and watershed and stormwater protection efforts of the Friends of Sausal Creek, the Friends of Arroyo Viejo Creek, the North Hills Phoenix Association and the DMV Neighbors Association working along Temescal Creek, the Butters Land Trust working along Peralta Creek, and the additional volunteer efforts that occur as a part of the City's Adopt-a-Creek Program.**

C.7.g. ►Citizen Involvement Events

List the types of events conducted (e.g., creek clean up, storm drain inlet marking, native gardening etc.). Use the following table for reporting and evaluating citizen involvement events.

Event Details	Description	Evaluation of effectiveness
Provide event name, date, and location. Indicate if event is local, countywide or regional	Describe activity (e.g., creek clean-up, storm drain marking etc.)	Provide general staff feedback on the event. Provide other evaluation details such as: • Number of participants. Any change in participation from previous years. • Distance of creek or water body cleaned • Quantity of trash/recyclables collected (weight or volume). • Number of inlets marked. • Data trends
Community Stewardship Grants	**See Clean Water Program FY 2009/10 Report. Of $20,785 awarded, Oakland groups were awarded $9,985 in Community Stewardship Grants including:** • **Civicorps Elementary ($4,760) for Stormwater Pollution Prevention Education with students** • **Friends of Sausal Creek ($3,725) for Promoting the Health of the Sausal Creek Watershed through environemental education and restoration work days** • **Mills College ($1,500) for work on protions of the Lion Creek Restoration Project.**	**See Clean Water Program FY 2009/10 Report.**
Creek Clean Up and Restoration Events	**Various activities through City's Adopt-a-Creek Program and Watershed Awareness Programs. A total of 125 citizen involvement events at 167 locations were held between July 1, 2009 – June 30, 2010. The events were attended by a total of 4,765 participants. See attached spreadsheet for details.**	

C.7.h. ►School-Age Children Outreach

Summarize school-age children outreach programs implemented. A detailed report may be included as an attachment.
Use the following table for reporting school-age children outreach efforts.

Program Details	Focus & Short Description	Number of Students/Teachers reached	Evaluation of Effectiveness
Provide the following information: Name Grade or level (elementary/ middle/ high)	Brief description, messages, methods of outreach used	Provide number or participants	Provide agency staff feedback. Report any other evaluation methods used (quiz, teacher feedback etc.). Attach evaluation summary if applicable.
Educational Services	**See Clean Water Program FY 2009/10 Report.**		
Watershed Awareness Classroom Presentations	**Classroom – based watershed awareness and water quality and habitat protection educational activities. Led by Lake Merritt Institute, a contractor for the City of Oakland and Friends of Sausal Creek. See attached spreadsheet for details.**	**500** **One presenter per classroom or field trip.**	**One on one evaluation with teachers.**

Section 8 - Provision C.8 Water Quality Monitoring

C.8 ►Water Quality Monitoring
State below if information is reported in a separate regional report. Municipalities can also describe below any Water Quality Monitoring activities in which they participate directly, e.g. participation in RMP workgroups, fieldwork within their jurisdictions, etc.
Summary: **See BASMAA MRP Regional Supplement for POCs and Monitoring Annual Reporting for FY 2009/2010.**

Section 9 – Provision C.9 Pesticides Toxicity Controls

C.9.a ►Adopt an Integrated Pest Management (IPM) Policy or Ordinance

(For FY 09-10 Annual Report only) Attach a copy of your individual IPM ordinance or policy.	X	**Attached**		**Not attached,** explain below
If **Not attached**, explain:				

C.9.b ►Implement IPM Policy or Ordinance

Report implementation of IPM BMPs by showing trends in quantities and types of pesticides used, and suggest reasons for increases in use of pesticides that threaten water quality, specifically organophosphorous pesticides, pyrethroids, carbaryl, and fipronil. A separate report can be attached as evidence of your implementation.

Summary:

Park maintenance staff applies glyphosate and oryzalin in street medians to control weed growth. Pesticide use increased between 2007 and 2008. Usage declined from 2009 to present. The main cause of fluctuating usage seems to be staffing levels. Park staff increased in 2008 and layoffs caused a decline in staffing in 2009 to the present.

C.9.c ►Train Municipal Employees

Enter the number of employees that applied or used pesticides (including herbicides) within the scope of their duties this reporting year.	**30**
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within the last 3 years.	**30**
Enter the percentage of municipal employees who apply pesticides who have received training in the IPM policy and IPM standard operating procedures within the last three years.	**100%**

C.9.d ►Require Contractors to Implement IPM

Did your municipality contract with any pesticide service provider in the reporting year?		**Yes**	X	**No**
If yes, attach one of the following:				
	Contract specifications that require adherence to your IPM policy and standard operating procedures, OR			
	Copy(ies) of the contractors' IPM certification(s) or equivalent, OR			
	Equivalent documentation.			
If not attached, explain:				

C.9.e ►Track and Participate in Relevant Regulatory Processes

Summarize participation efforts, information submitted, and how regulatory actions were affected **OR** reference a regional report that summarizes regional participation efforts, information submitted, and how regulatory actions were affected.

Summary: **See BASMAA MRP Regional Supplement for POCs and Monitoring Annual Reporting for FY 2009/2010.**

C.9.f ►Interface with County Agricultural Commissioners

Provide a summary of improper pesticide usage reported to County Agricultural Commissioners and follow-up actions to correct violations, if any. A separate report can be attached as your summary.

Summary:

No spills or improper pesticide applications were reported during FY 2009/2010.

City of Oakland pesticide application staff and application protocols are inspected by County Agricultural Commissioners at a minimum of one inspection per year. Inspections are conducted on a routine and on a random / "surprise" basis.

During FY 2009/2010 County Agricultural Commissioners, did not conduct an annual inspection. City of Oakland staff has attempted to schedule an inspection with the County Agricultural Commissioners, and have continued to attempt to contact the County Agricultural Commissioners to schedule an inspection during the First Quarter of FY 2010/2011

C.9.h.ii ►Public Outreach: Point of Purchase

Provide a summary of public outreach at point of purchase, and any measurable awareness and behavior changes resulting from outreach (here or in a separate report); **OR** reference a report of a regional effort for public outreach in which your agency participates.

Summary: **See description of Our Water Our World activities in the Clean Water Program FY 2009/10 Report. See BASMAA FY 2009/10 report on the Our Water Our World program.**

C.9.h.vi ►Public Outreach: Pest Control Operators

Provide a summary of public outreach to pest control operators and landscapers and reduced pesticide use (here or in a separate report); OR reference a report of a regional effort for outreach to pest control operators and landscapers in which your agency participates.

Summary: **See Clean Water Program FY 2009/10 Report.**

Section 10 - Provision C.10 Trash Load Reduction

C.10.a.i ►Short-Term Trash Loading Reduction Plan

(For FY 10-11 Annual Report only) Provide description of actions/tasks initiated/conducted/completed in developing a Short-Term Trash Loading Reduction Plan (due February 1, 2012).

Description*:* **NOT APPLICABLE**

C.10.a.ii ►Baseline Trash Load and Trash Load Reduction Tracking Method

(For FY 10-11 Annual Report only) Provide description of actions/tasks initiated/conducted/completed to gather trash loading data and develop a Baseline Trash Load and Trash Load Reduction Tracking Method (due February 1, 2012).

Description*:* **NOT APPLICABLE**

C.10.a.iii ►Minimum Full Trash Capture

(For FY 10-11 Annual Report and Each Annual Report Thereafter) Provide a description of actions/tasks initiated/conducted/completed in implementing Minimum Full Trash Capture Devices (due July 1, 2014) within individual jurisdictions. Include information on Full Trash Capture Devices installed under Bay-area Wide Trash Capture Demonstration Project administered by San Francisco Estuary Partnership.

Description*:* **NOT APPLICABLE**

C.10.b.iii ►Trash Hot Spot Assessment

(For FY 10-11 Annual Report and Each Annual Report Thereafter) Provide volume of material removed from each Trash Hot Spot cleanup, and the dominant types of trash (e.g., glass, plastics, paper) removed and their sources to the extent possible. Provide required photo documentation.

Fill out the following table or attach a summary of the following information.

Trash Hot Spot	Cleanup Date	Volume of Material Removed	Dominant Type of Trash	Trash Sources (where possible)
Arroyo Viejo Park	**Not Applicable for FY 2009/2010 Annual Report**	**Not Applicable for FY 2009/2010 Annual Report**	**Clothing, plastic wrappers and labels, glass and aluminum containers, food product packaging, metal, and electronic products.**	**Trash sources include recreational land use, upstream transport, adjacent homeless encampments, and illegal dumping.**
Courtland Creek	**Not Applicable for FY 2009/2010 Annual Report**	**Not Applicable for FY 2009/2010 Annual Report**	**Large illegally dumped items such as mattresses, box springs, tires, etc. Small items such as aluminum cans, plastic wrappers, and etc.**	**Trash sources include: Illegal Dumping, and trash transported by wind and runoff from nearby commercial corridors and high traffic areas.**
Damon Slough (Section 1)	**Not Applicable for FY 2009/2010 Annual Report**	**Not Applicable for FY 2009/2010 Annual Report**	**Large illegally dumped items such as mattresses, appliances, tires, shopping carts. Small items such as plastic bags, aluminum cans, bottles, plastic wrappers, clothing, and etc.**	**Trash sources include: Illegally dumped materials (on-site and in upstream locations), homeless encampments, trash from events held at the Alameda County-Oakland Coliseum, nearby commercial and industrial businesses, nearby high traffic areas, and material transported by the tides and runoff from upstream locations.**
Damon Slough (Section 2)	**Not Applicable for FY 2009/2010 Annual Report**	**Not Applicable for FY 2009/2010 Annual Report**		
Damon Slough (Section 3)	**Not Applicable for FY 2009/2010 Annual Report**	**Not Applicable for FY 2009/2010 Annual Report**		
East Creek (Section 1)	**Not Applicable for FY 2009/2010 Annual Report**	**Not Applicable for FY 2009/2010 Annual Report**	**Dominant trash types include small items such as plastic bags, clothing, and food wrappers.**	**Trash sources include the Oakland Swap Meet, heavy traffic corridors, homeless encampments, and flows from commercial and industrial upstream locations.**
East Creek (Section 2)	**Not Applicable for FY 2009/2010 Annual Report**	**Not Applicable for FY 2009/2010 Annual Report**		

Lake Merritt Channel	**Not Applicable for FY 2009/2010 Annual Report**	**Not Applicable for FY 2009/2010 Annual Report**	**Trash common to parks, high density residential and commercial areas, and plastic bags.**	**Trash transported by wind, creek channel flow, and tides from nearby**
Lake Merritt – East 18th Street	**Not Applicable for FY 2009/2010 Annual Report**	**Not Applicable for FY 2009/2010 Annual Report**	**Trash common to parks, high density residential and commercial area such as food wrappers, plastic bags, aluminum cans, bottles, clothing, and etc.**	**Trash sources include trash generated within the Lake Merritt Watershed and transported through the City storm drain infrastructure. Trash may also be transported into Lake Merritt from tidal flows from the San Francisco Bay and Lake Merritt Channel.**
Lake Merritt – Glen Echo Arm	**Not Applicable for FY 2009/2010 Annual Report**	**Not Applicable for FY 2009/2010 Annual Report**		
Lake Merritt – Trestle Glen Arm	**Not Applicable for FY 2009/2010 Annual Report**	**Not Applicable for FY 2009/2010 Annual Report**		
Peralta Creek	**Not Applicable for FY 2009/2010 Annual Report**	**Not Applicable for FY 2009/2010 Annual Report**	**Trash common to parks, high density residential and commercial area such as food wrappers, plastic bags, aluminum cans, bottles, clothing, and etc.**	**Trash sources include recreational land use, transport from upstream locations, homeless encampments, and illegal dumping.**
Sausal Creek – Barry Place	**Not Applicable for FY 2009/2010 Annual Report**	**Not Applicable for FY 2009/2010 Annual Report**	**Dominant trash types include small items such as plastic bags, clothing, and food wrappers.**	**Trash sources include transport for upstream and illegal dumping.**
Sausal Creek – Fruitvale Bridge	**Not Applicable for FY 2009/2010 Annual Report**	**Not Applicable for FY 2009/2010 Annual Report**	**Large illegally dumped items such as mattresses, appliances, tires, shopping carts. Small items such as plastic bags, aluminum cans, bottles, plastic wrappers, clothing, and etc.**	**Trash sources include homeless encampments, upstream transport, illegal dumping, and high traffic.**
Seminary Creek	**Not Applicable for FY 2009/2010 Annual Report**	**Not Applicable for FY 2009/2010 Annual Report**	**Large illegally dumped items such as construction materials, mattresses, appliances, tires, shopping carts. Small items such as plastic bags, aluminum cans, bottles, plastic wrappers, clothing, and etc.**	**Trash sources include park / recreation center users, trash from high traffic streets, and illegal dumping.**

C.10.d ►Summary of Trash Load Reduction Actions

Provide summary of new trash load reduction actions or increased levels of implementation of existing actions that were implemented after adoption of the MRP (control measures and best management practices) including the types of actions and levels of implementation, and the total trash loads and dominant types of trash removed from each type of action.

Suggested trash load reduction actions to track and report may include:

- Anti-litter Campaigns
- Anti-litter/Dumping Enforcement Activities
- Curbside Recycling Programs
- Education and Outreach Efforts
- Free Trash Pickup/Dropoff Days
- County HHW Program Activities
- Improved Trash Bin Management
- Inspection/Maintenance of Storm Drain Outfalls
- Litter Pickup and Control
- Removal of Homeless Encampments
- Solid Waste Recycling Efforts
- Source Controls/Bans/Prohibitions
- Storm Drain Operation and Maintenance
- Storm Drain Signage/Marking
- Street Sweeping Activities
- Trash Removal from Receptacles
- Volunteer Creek Cleanups

Type of Trash Load Reduction Action	Date of First Implementation	Level of Implementation (specify if level was increased after MRP adoption)	Total Trash Load Removed by Action	Dominant Types of Trash Removed by Action
Anti-Litter Billboard at Oakland Coliseum/880 Freeway (see attached images).	**June 16, 2010**	**New measure targeting Highway / Traffic and Sports / Event Center Audiences**	**Public education and awareness.**	
Continuous Deflection Trash Separator (CDS) Installation at Perkins Street and Bellevue Avenue	**April 2010**	**CDS Unit installed on Bellevue Avenue at Perkins Street treats stormwater runoff from approximately 75 acres of residential and commercial areas. The stormwater runoff that flows through the CDS Unit flows into Lake Merritt and outfalls into sensitive habitat for birds and other wildlife at the Lake Merritt Bird Islands where water quality is essential.**	**1 cubic yard**	**Floatable Trash including food containers and plastics, and sediments from the storm drain lines.**
Earth Day / Trash "Hot Spot" Coordination	**April 2010**	**The City of Oakland increased its number of Earth Day volunteer cleanup locations for 2009 in a coordinated effort to include locations that were to be submitted as potential trash "Hot Spot" locations as part of the Trash Hot Spot Assessment submittal to the RWQCB.**	**See Section C.10.b.iii Above**	

GIS Storm Drainage / Watershed Mapping	**September 2009**	**Creation, Review, and Evaluation of GIS Maps identifying potential trash "Hot Spot" locations (e.g. commercial / industrial areas, land use, storm drain inlets, storefront trash hot spots, schools, existing and proposed CDS unit locations, and the associated watersheds).**		
Homeless encampments removed from Lake Merritt Channel associated with the 12th Street Renovation	**May 2010**	**One time removal**	**Approximately 25 cubic yards**	**Large items such as mattresses and shopping carts. Small items such as plastic bags, aluminum cans, bottles, plastic wrappers, clothing, and etc.**
Homeless encampment removed from Peralta Creek at Cesar Chavez Park	**February 2010**	**One-time removal**	**Approximately 1 cubic yard**	**Mattress, food containers, old clothing.**
Ordinance Prohibiting the use of Polystyrene Foam Disposable Food Service Ware	**June 27, 2006**	**The City of Oakland passed an ordinance to reduce the use of disposable food service ware (and trash loads) by initiating increased use of re-usable, compostable, or biodegradeable service ware.**		**Disposable Polystyrene Foam Food Service Ware**
Storm Drain Inlet Screens (3) Pilot Study	**January 9, 2009**	**Evaluation of implementation of screens in varying storm drain inlet types and the associated costs, feasibility, and performance related to maintenance requirements and monitoring of infrastructure.**	**Approximately 1 cubic yard of material per storm drain inlet per year**	**Food wrappers, plastic bags, organic material.**
Trash Booms at Damon Slough - New and Replacements	**April 2010**	**Evaluation of trash capture devices (new and replacement trash Booms at Damon Slough) where implementation of Full Capture trash removal devices are not possible.**		**Trash types from recreational land use, transport from upstream locations, homeless encampments, and illegal dumping.**
Volunteer Creek Cleanup Events (see Public Outreach and Citizen Involvement Events, Section C.7)	**See detail, section C.7**	**168 events** **1,052 volunteers at City sites** **1,504 volunteers at City and East Bay Regional Park District sites**	**2,449 pounds of trash** **159 pounds of recyclables** **290 cubic yards of**	

			green waste	
Volunteer Storm Drain Markers Installation	**July 2009 – June 2010**	**Installation of 350 new stainless steel storm drain markers (with 30 year manufacturer's warranty on installation) with the message "No Dumping Drains to Bay" or "Drains to Creek". Installations occurred at new and as replacements at locations in multiple neighborhoods throughout Oakland.**	**Public education and awareness**	**Anticipated reduction in typical storm drain dumping materials such as motor oil, food waste containers, soapy water, pet waste, other stormwater runoff.**

Section 11 - Provision C.11 Mercury Controls

C.11.a.i ►Mercury Recycling Efforts

List below or attach lists of efforts to promote, facilitate, and/or participate in collection and recycling of mercury containing devices and equipment at the consumer level (e.g., thermometers, thermostats, switches, bulbs).

The City of Oakland promotes the collection and recycling of mercury containing devices and equipment (e.g. fluorescent light tubes, bulbs, and lamps, thermostats, electrical switches and relays, pilot light sensors, gauges, and thermometers) by providing the public with outreach and educational materials regarding mercury containing products, potential impacts of mercury on water quality, stormwater and wildlife, and methods for recycling and / or disposal of mercury containing items. Additionally, the City refers the public to the Alameda County Household Hazardous Waste and Stopwaste.org programs.

Information is available on City of Oakland Public Works Agency Oakland Recycles website at http://www.oaklandpw.com/Page33.aspx

The above information is also included as inserts in recycling, garbage, and bulky waste mailings to residents and property owners.

C.11.a.ii ►Mercury Collection

Provide an estimate of the mass of mercury collected through these efforts, or provide a reference to a report containing this estimate.

Amount collected:

The three Alameda County Household Hazardous Waste (HHW) facilities recycled 34,458 pounds of mercury containing fluorescent tube and compact lamps during FY 2008/2009.

The totals for recycled mercury containing fluorescent tubes and compact lamps during FY 2009/2010 will not be available until after the Annual Report submittal in late September. Recycled totals will be included in subsequent reports.

C.11.b ►Monitor Methylmercury
C.11.c ►Pilot Projects to Investigate and Abate Mercury Sources in Drainages
C.11.d ►Pilot Projects to Evaluate and Enhance Municipal Sediment Removal and Management Practices
C.11.e ►Conduct Pilot Projects to Evaluate On-Site Stormwater Treatment via Retrofit
C.11.f ►Diversion of Dry Weather and First Flush Flows to POTWs
C.11.g ►Monitor Stormwater Mercury Pollutant Loads and Loads Reduced
C.11.h ►Fate and Transport Study of Mercury In Urban Runoff
C.11.i ►Development of a Risk Reduction Program Implemented Throughout the Region
C.11.j ►Develop Allocation Sharing Scheme with Caltrans

State below if information is reported in a separate regional report. Municipalities that participate directly in regional activities to can provide descriptions below.

Summary: **See BASMAA MRP Regional Supplement for POCs and Monitoring Annual Reporting for FY 2009/2010.**

Section 12 - Provision C.12 PCBs Controls

C.12.a.i,iii ►Municipal Inspectors Training

(For FY 09-10 Annual Report only) List below or attach description of results of training municipal industrial inspectors to identify, in the course of their existing inspections, PCBs or PCB-containing equipment.

Description: **See Clean Water Program FY 2009/10 Report.**

The City of Oakland has distributed the "Pollutants of Concern Stormwater Inspectors' Guidance Manual" that includes PCB specific material provided by the Bay Area Stormwater Agencies Association (BASMAA) to the City's Industrial and Commercial Stormwater Inspectors for review and use in their inspections. The City's Industrial and Commercial Stormwater Inspectors have reviewed the materials and incorporated the practices presented in the guidance manual into their routine inspections. Additionally, materials are provided to property, facility, and business owners and operators on an as needed basis.

C.12.a.ii,iii ►Ongoing Training

(For FY 10-11 Annual Report and Each Annual Report Thereafter) List below or attach description of ongoing training development and inspections for PCB identification, including documentation and referral to appropriate regulatory agencies (e.g. county health departments, Department of Toxic Substances Control, California Department of Public Health, and the Water Board) as necessary.

Description: **NOT APPLICABLE**

C.12.b ►Conduct Pilot Projects to Evaluate Managing PCB-Containing Materials and Wastes during Building Demolition and Renovation Activities **C.12.c ►Pilot Projects to Investigate and Abate On-land Locations with Elevated PCB Concentrations** **C.12.d ►Conduct Pilot Projects to Evaluate and Enhance Municipal Sediment Removal and Management Practices** **C.12.e ►Conduct Pilot Projects to Evaluate On-Site Stormwater Treatment via Retrofit** **C.12.f ►Diversion of Dry Weather and First Flush Flows to POTWs** **C.12.g ►Monitor Stormwater PCB Pollutant Loads and Loads Reduced** **C.12.h ►Fate and Transport Study of PCBs In Urban Runoff** **C.12.i ►Development of a Risk Reduction Program Implemented Throughout the Region**
State below if information is reported in a separate regional report. Municipalities that participate directly in regional activities to can provide descriptions below.
Summary: **See BASMAA MRP Regional Supplement for POCs and Monitoring Annual Reporting for FY 2009/2010.**

Section 13 - Provision C.13 Copper Controls

C.13.a.i and iii ► Legal Authority: Architectural Copper

(For FY 10-11 Annual Report only) Do you have adequate legal authority to prohibit discharge of wastewater to storm drains generated from the installation, cleaning, treating, and washing of the surface of copper architectural features, including copper roofs to storm drains?	**X**	**Yes**		**No**
If **No**, explain and provide schedule for obtaining authority within 1 year:				

C.13.b.i and iii ► Legal Authority: Pools, Spas, and Fountains

(For FY10-11 Annual Report only) Do you have adequate legal authority to prohibit discharges to storm drains from pools, spas, and fountains that contain copper-based chemicals?	**X**	**Yes**		**No**
If **No**, explain and provide schedule for obtaining authority within 1 year:				

C.13.c ►Vehicle Brake Pads

See BASMAA MRP Regional Supplement for POCs and Monitoring Annual Reporting for FY 2009/2010.

C.13.d.iii ►Industrial Sources Copper Reduction Results

List below or attach annotated lists or tables from your Industrial and Commercial Site Controls portion of this report, that highlight copper reduction results among the facilities identified as potential users or sources of copper, facilities inspected, and BMPs addressed. For FY09-10 describe below or highlight in the C.4 Evaluation portion (if provided) of this report the steps taken to revise your program to meet new data tracking and reporting requirements for implementation levels described in C.13.d.ii.

Summary

The City of Oakland Industrial and Commercial Facility Stormwater Inspectors have incorporated the training materials presented in the "Pollutants of Concern Stormwater Inspectors' Guidance Manual" (POC Guidance Manual) provided by the Bay Area Stormwater Agencies Association (BASMAA) into their inspection process. The POC Guidance Manual also identifies businesses with specific Standard Industrial Classification (SIC) Codes that are potential users (i.e. may conduct activities and/or operations) or sources of copper pollutants.

The following is a list summarizing the number and type of businesses (with SIC Codes) in the City that are identified as potential users or sources of copper pollutants:

- **Motor Vehicle Parts, Used (SIC 5015) - 2 Businesses**
- **Automotive Services, except Repair and Carwashes (SIC 7549) – 55 Businesses**
- **Boat Yards / Marinas with on-land Maintenance Yards (SIC 4499) - 3 Businesses**
- **Scrap Waste Materials (SIC 5093) – 32 Businesses**
- **Car Washes (SIC 7542) - 34 Businesses**

Additionally, automotive repair shops, automotive parts recycling centers, and automotive salvage yards have been identified as potential users and sources of copper pollutants.

In addition to heightening inspector awareness of potential users or sources of copper pollutants, inspectors have made a conscious effort to perform education and outreach of impacts of copper pollutants with property/business owners and workers when conducting inspections at the businesses in the industries listed above. Additionally, educational materials and potential BMPs are provided to property, facility, and business owners and operators on an as needed basis in an effort to reduce copper pollutant loads at the source.

C.13.e ►Studies to Reduce Copper Pollutant Impact Uncertainties

Revised. Description reads "State below if information is reported in a separate regional report. Municipalities that participate directly in regional activities to can provide descriptions below."

Summary: **See BASMAA MRP Regional Supplement for POCs and Monitoring Annual Reporting for FY 2009/2010.**

Section 14 - Provision C.14 PBDE, Legacy Pesticides and Selenium Controls

C.14.a ►Control Programs for PBDEs, Legacy Pesticides and Selenium Controls
Revised. Description reads "State below if information is reported in a separate regional report. Municipalities that participate directly in regional activities to can provide descriptions below."
Summary: **See BASMAA MRP Regional Supplement for POCs and Monitoring Annual Reporting for FY 2009/2010.**

Section 15 - Provision C.15 Exempted and Conditionally Exempted Discharges

C.15.b.iii.(1), C.15.b.iii.(2) ► Planned and Unplanned Discharges of Potable Water

Is your agency a water purveyor?		**Yes**	**X**	**No**
If **No**, skip to C.15.b.vi.(2):				
If **Yes**, Complete the attached reporting tables or attach your own table with the same information. Describe program highlights below. For FY 09-10 only, describe steps taken to revise your program to meet new monitoring, data tracking and reporting requirements.				
Summary:				

C.15.b.vi.(2) ► Irrigation Water, Landscape Irrigation, and Lawn or Garden Watering

Provide implementation summaries of the required BMPs to promote measures that minimize runoff and pollutant loading from excess irrigation. Generally the categories are:

- Promote conservation programs
- Promote outreach for less toxic pest control and landscape management
- Promote use of drought tolerant and native vegetation
- Promote outreach messages to encourage appropriate watering/irrigation practices
- Implement Illicit Discharge Enforcement Response Plan for ongoing, large volume landscape irrigation runoff.

Summary:

The City of Oakland passed an amendment to City ordinance Chapter 15.35 Green Building Requirements for City Building Projects to add Civic Bay-Friendly Landscaping Guidelines for all City of Oakland, Redevelopment Agency and Public / Private Partnership Projects which include Landscaping to promote the measures listed above.

The Civic Bay-Friendly Landscaping ordinance promotes healthy soils, uses drought-tolerant plants, conserves water and energy, enhances wildlife habitat, reduces waste, and prevents pesticide-related pollution. The Civic Bay-Friendly Landscaping Ordinance requires that landscaping projects undertaken by the City, Redevelopment Agency or Public-Private Partnerships with a value of $100,000 or more and a size of 10,000 square feet or more meet or exceed a minimum number of Bay-Friendly Landscaping requirements. In order to comply with the Ordinance, a project must score at least 60 points out of the 219 possible points on the Bay Friendly Scorecard and must include, to the extent applicable, nine (9) required practices (five of which are current City practices):

- **Mulch (current City practice)**
- **Amend the soil with compost before planting (current City practice)**
- **Reduce and recycle landscape construction waste (current City practice)**
- **No species requiring shearing, such as formal hedges**
- **Do not plant invasive species (current City practice)**

- **Grow drought tolerant, California native, Mediterranean or climate adapted plants (current City practice)**
- **Minimize the lawn**
- **Specify weather-based irrigation controllers (existing EBMUD requirement for new water meters)**
- **No spray heads for areas less than eight (8) feet wide (existing EBMUD requirement new water meters)**

In addition to the Bay Friendly Landscaping Ordinance, the City of Oakland Illicit Discharge Inspectors treat cases of ongoing, large volume landscape irrigation runoff as illicit discharges. Complaint, inspection, and enforcement of over irrigation runoff are handled in the same manner as any illicit discharges, and handled under the Enforcement Response Plan (ERP) standards.

C.15.b.iii.(1) ►Planned Discharges of the Potable Water System

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[1] (NTU)	Implemented BMPs & Corrective Actions
NOT APPLICABLE										

Notes:

[1] Monitor the receiving water for turbidity if necessary and feasible. Include data in this column if available.

C.15.b.iii.(2) ►Unplanned Discharges of the Potable Water System

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Discharge Duration (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual[2] (mg/L)	pH[2] (standard units)	Discharge Turbidity (Visual) [2,]	Implemented BMPs & Corrective Actions	Time of discharge discovery	Regulatory Agency Notification Time[4]	Inspector arrival time	Responding crew arrival time
NOT APPLICABLE														

Notes:

1. This table contains all of the unplanned discharges that occurred in this FY.

2. Monitoring data is only required for 10% of the unplanned discharges. If you monitored more than 10% of your unplanned discharges report all of the data collected.

4. Notification to Water Board staff is required for unplanned discharges where the chlorine residual is >0.05 mg/L and total volume is ≥ 50,000 gallons. Notification to State Office of Emergency Services is required after becoming aware of aquatic impacts as a result of unplanned discharge or when the discharge might endanger or compromise public health and safety.

ATTACHMENTS

C.4.b.iii.(1) Potential Facilities List

Available in Electronic Submittal Only

OAKLAND CITY COUNCIL

RESOLUTION NO. 59482 C.M.S.

INTRODUCED BY COUNCILMAN _____ TAL

RESOLUTION ADOPTING POLICIES REGARDING USE OF CHEMICAL PESTICIDES BY CITY DEPARTMENTS TO CONTROL UNWANTED PLANT GROWTH, FUNGI AND INSECTS

* *

WHEREAS, the City Council established a Committee of citizens and City staff to study the use and effects of pesticides to control the pest population; and

WHEREAS, the Committee has completed its study of the issues and has developed a series of policies regulating the use of pesticides to control unwanted plant growth, fungi and insects; now therefore, be it

RESOLVED: that City departments, shall, to the fullest extent possible, adopt and implement Integrated Pest Management (IPM) techniques and methods as standard operating procedure to approach pest problems, and employ a combination of control strategies, placing major reliance on those with the least wanted impacts; and be it

FURTHER RESOLVED: that City departments shall consider pest maintenance techniques and use of resistant vegetation to reduce pesticide and other maintenance techniques in the process of planning future parks and replacing vegetation in existing facilities; and be it

FURTHER RESOLVED: that the use of chemical pesticides shall be minimized as much as possible and shall be considered only as a last resort to more environmentally sound alternatives such as cultural and manual pest controls; that the amount and types of chemical pesticides stored and used shall be kept to a minimum; that departments shall develop, maintain and update a list of approved chemicals to be made available to the public; that under no circumstance shall any chemical pesticide be applied in amounts other than those for which it is registered and approved; and be it

FURTHER RESOLVED: that City staff shall keep detailed records of all chemical applications administered by City staff or contractors engaged by the City with such records available for public inspection and reviewed periodically by staff to ensure compliance with relevant rules and regulations; that City departments which employ the use of chemicals shall maintain records of pest-related complaints; and be it

FURTHER RESOLVED: that all City employees engaged in the application of chemical pesticides shall be trained and certified, and provided with adequate supervision and proper safety equipment; and be it

FURTHER RESOLVED: that prior posting of all pesticide applications shall be provided to the public in the form of thirty days advance notice for regular seasonal spraying programs and same day notification for minor or unscheduled applications where notice shall remain for a reasonable period after completion so that the public will be aware of a chemical application in the area; and be it

FURTHER RESOLVED: that community participation shall be sought for the purpose of developing alternatives to chemical pesticides and that City departments will hold public meetings at the community's request to develop options to deal with the pest population and weed problems by means other than chemical pesticides; and be it

FURTHER RESOLVED: that public agencies in Oakland shall be requested to cooperate by adhering to these policies; and be it

FURTHER RESOLVED: that the Committee to study pesticides shall review techniques applied by departments and their contractors in City owned structures for development of a series of recommendations relating to the matter.

IN COUNCIL, OAKLAND, CALIF., FEB 3 1981, 19

PASSED BY THE FOLLOWING VOTE:

AYES — ENG, GIBSON, GILMORE, MOORE, OGAWA, RILES, SPEES, SUTTER AND PRESIDENT WILSON – 8

NOES — NONE

ABSENT — COUNCILMEMBER GILMORE, - 1

ABSTENTION — NONE

OAKLAND CITY COUNCIL

RESOLUTION NO. 73968 C. M. S. REVISED

INTRODUCED BY COUNCILMEMBER _____

RESOLUTION ADOPTING INTEGRATED PEST MANAGEMENT POLICIES FOR THE CITY OF OAKLAND

WHEREAS, the City recognizes that population levels of certain plants, insects, plant pathogens, vertebrates, and other pests may create a nuisance or threaten the public health and safety, and therefore need to be controlled; and

WHEREAS, the City recognizes that the use of pesticides can present a potential hazard to the citizens of Oakland, City staff and the environment, now therefore be it

RESOLVED: That City departments shall, to the fullest extent possible, adopt and implement Integrated Pest Management (IPM) techniques and methods as standard operating procedures to manage pest problems; and be it

FURTHER RESOLVED: That, effective January 1, 1998, pesticides shall not be used in or on City owned property or facilities, except as specifically exempted by this resolution; and be it

FURTHER RESOLVED: That the only exemptions to the ban on pesticides established herein are as follows:

1. In those instances where the use of pesticides is required to preserve and/or protect human health and safety;

2. The use of swimming pool chemicals, disinfectants, and other antimicrobials;

3. The use of pesticidal soaps, insect growth regulators, microbials, botanicals, synthetic pyrethroids, horticultural oils, and insecticidal bait stations;

4. At municipal golf courses (signage shall be provided warning golfers of the pesticides used, the location, and date of application);

5. At municipal putting and lawn bowling greens (with signage as per 4. above);

6. At the Morcom Rose Garden (with signage as per 4. above);

7. For weed control in the construction of new landscaping and ballfields (with signage as per 4. above);

8. In sports fields, to control gophers, moles, and ground squirrels;

9. In the Oakland Museum of California, to protect museum artifacts, artworks, and collections;

10. Around fire hydrants in selected areas where weed growth threatens to obscure them;

11. On public streets and rights-of-way maintained by the Public Works Agency; and be it

FURTHER RESOLVED: That exemption 1 above shall only apply to situations that conform to guidelines established by the Alameda County Health Agency, and that herbicide usage is not exempted by exemption 6 above; and be it

FURTHER RESOLVED: That when the use of any pesticide is determined to be necessary, the least hazardous effective available pesticide will be used; and be it

FURTHER RESOLVED: That category 1 pesticides shall not be used on any City property except for the use of aluminum phosphide on sports fields for vertebrate control; and be it

FURTHER RESOLVED: That only pesticides that are approved and registered with the Environmental Protection Agency and by the State of California will be used; and be it

FURTHER RESOLVED: That if contractors are used to apply pesticides, they must be licensed by the State of California as Pest Control Operators; and be it

FURTHER RESOLVED: That public notification of pesticide use be done through signage of areas being treated, marker dyes in sprays, and public education programs; and be it

FURTHER RESOLVED: That City employees are not to bring pesticides from home for use on City property. This includes pesticides that are packaged for home use; and be it

FURTHER RESOLVED: That each City agency have a person designated to be responsible for coordinating pest control issues; and be it

FURTHER RESOLVED: That the Citizens' IPM Advisory Committee shall continue to advise the City Council on pest control practices.

IN COUNCIL, OAKLAND, CALIFORNIA, DEC 16 1997, 19____

PASSED BY THE FOLLOWING VOTE:

AYES– BRUNNER, CHANG, DE LA FUENTE, MILEY, NADEL, REID, RUSSO, SPEES AND PRESIDENT HARRIS — 9

NOES– None

ABSENT– None

ABSTENTION– None

ATTEST: Ceda Floyd

CEDA FLOYD
City Clerk and Clerk of the Council
of the City of Oakland, California

600-243 (2/97)

TOTAL P.02

OAKLAND CITY COUNCIL

RESOLUTION No. 76254 C. M. S.

INTRODUCED BY COUNCILMEMBER _____ NMA

RESOLUTION AUTHORIZING A LIMITED EXEMPTION TO THE INTEGRATED PEST MANAGEMENT POLICY TO USE HERBICIDES ON LANDSCAPED STREET MEDIANS

WHEREAS, in 1997 City Council approved the implementation of a comprehensive Integrated Pest Management (IPM) policy and passed Resolution No. 73968 C.M.S. that prohibited the use of pesticides on City property except as specifically exempted; and

WHEREAS, the Office of Parks and Recreation maintains landscaping in parks, open space, and landscaped street medians; and

WHEREAS, landscaped street medians are typically designed as long and narrow landscaped areas with minimal public use; and

WHEREAS, landscaped street medians are potentially dangerous places for employees performing landscape maintenance work due to erratic and speeding drivers; and

WHEREAS, the closure of certain traffic lanes in order to allow City employees to perform landscape maintenance safely and efficiently causes traffic delays and congestion along major streets; and

WHEREAS, the disadvantages of using gasoline powered string mowers to cut down weeds on street medians outweighs the advantages; and

WHEREAS, the manual removal of weeds is a time consuming and costly method of controlling weed growth that diverts staff resources away from park maintenance activities that are a direct service to the public; now therefore be it

RESOLVED: That the Oakland City Council hereby grants a limited exemption to the Integrated Pest Management policy by allowing limited herbicide use on landscaped street medians to control weeds and undesirable plants; and be it

FURTHER RESOLVED: That the Office of the City Attorney has approved this resolution as to form and legality, and a copy will be on file in the Office of the City Clerk.

I hereby certify that the foregoing is a full, true and correct copy of a Resolution passed by the City Council of the City of Oakland on JAN 30 2001.

CEDA FLOYD
City Clerk and Clerk of the Council

Per Ornetha Middleton *Deputy*

Pesticide Usage

Date	Glyphosate (oz)	Oryzalin (oz)	Dimension 270G (lb)	# employees applying
June-10	1376	0	0	2
May-10	0	0	0	0
Apr-10	240	580	0	2
Mar-10	4011	0	0	5
Feb-10	0	0	0	0
Jan-10	0	0	0	0
Dec-09	0	0	0	0
Nov-09	128	384	0	3
Oct-10	0	0	0	0
Sep-09	0	0	0	0
Aug-09	128	128	0	1
Jul-09	1024	1024	0	1
Year 3 July 09-June 10	**6907**	**2116**	**0**	**14**
Jun-09	910	0	0	1
May-09	4734	0	0	5
Apr-09	4612	0	0	3
Mar-09	1536	1536	0	3
Feb-09	2071	1741	0	3
Jan-09	5439	3463	0	6
Dec-08	1024	2504	0	4
Nov-08	64	64	0	1
Oct-08	160	0	0	1
Sep-08	0	0	0	0
Aug-08	952	717	0	5
Jul-08	128	50	0	1
Year 2 July 08-June 09	**21630**	**10075**	**0**	**33**
Jun-08	256	0	50	4
May-08	273	130	0	3
Apr-08	2427	1024	0	7
Mar-08	1562	640	0	5
Feb-08	1843	128	0	7
Jan-08	256	0	0	2
Dec-07	512	512	0	1
Nov-07	5830	2700	0	9
Oct-07	1792	0	0	3
Sep-07	256	0	0	2
Aug-07	256	0	0	1
Jul-07	512	0	0	1
Year 1 July 07-June 08	**15775**	**5134**	**50**	**45**

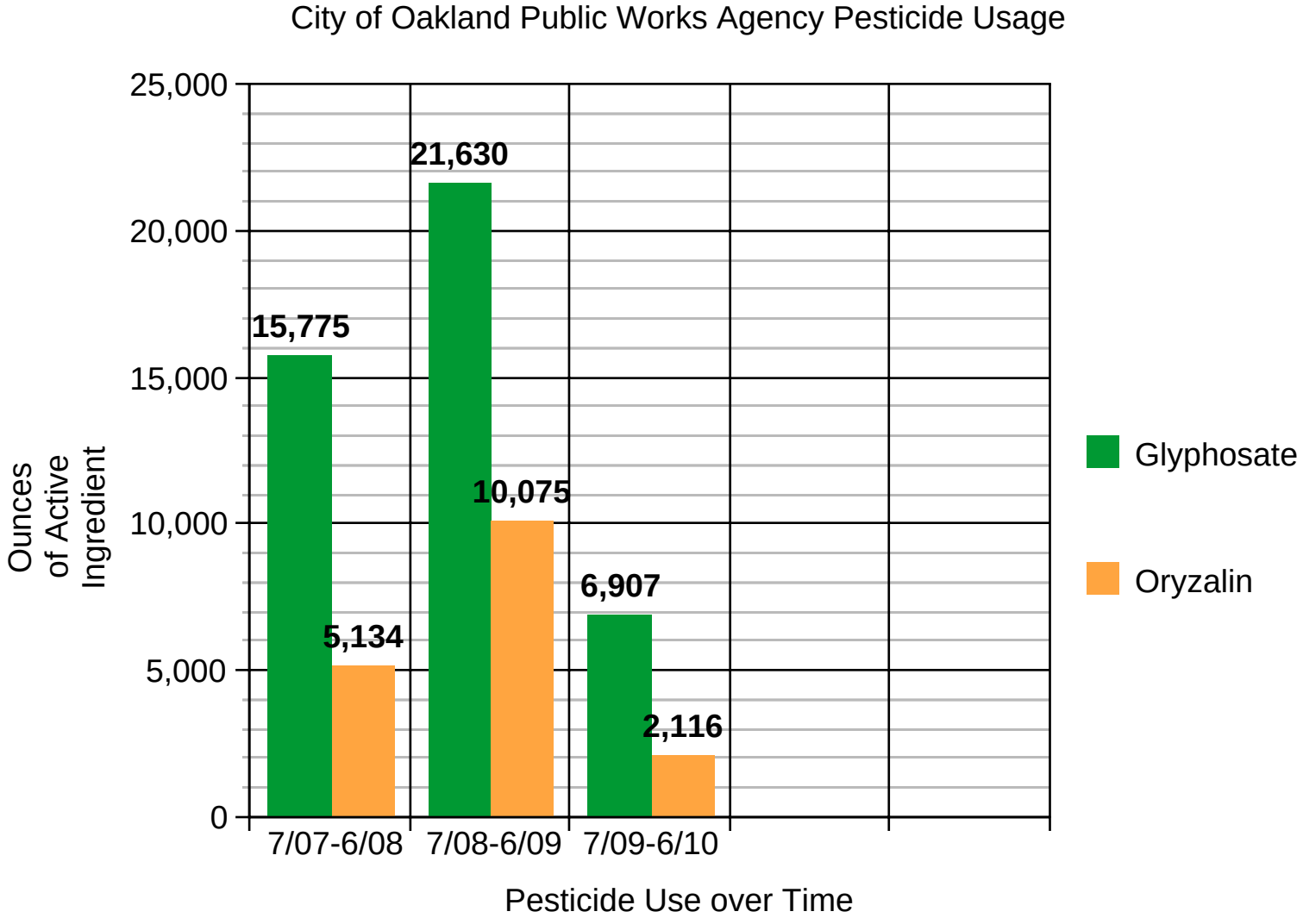
Names of Employees that applied pesticides in this period	
Abdul-Ali, Mustafa	
Bali, Kashmiri	
Byrne, Garret	
Carpenter, Erwin	
Cheng, Jason	
Church, Andrew	
Clark, James	
Deans, Ronald	
Demery, John	
Gray, Charles	
Gutierrez, Ramon	
Harris, Willie	
Hickman, Greg	
Hughley, John	
Jasso, Alberto	
Johnson, Ben	
Jordon, Siraj	
Kennedy, Teresa	
Lowe, Jimmy	
Marsh, Joe	
Miller, Herman	
Noble, Don	
Pappion, Isaac	
Pettway, Lavetta	
Pugh, Clinton	
Ross, Daryl	
Segura, Ramiro	
Thomas, Earl	
Williams, Walter	
Zumudio, Chris	
Count	**30**

Training Summary

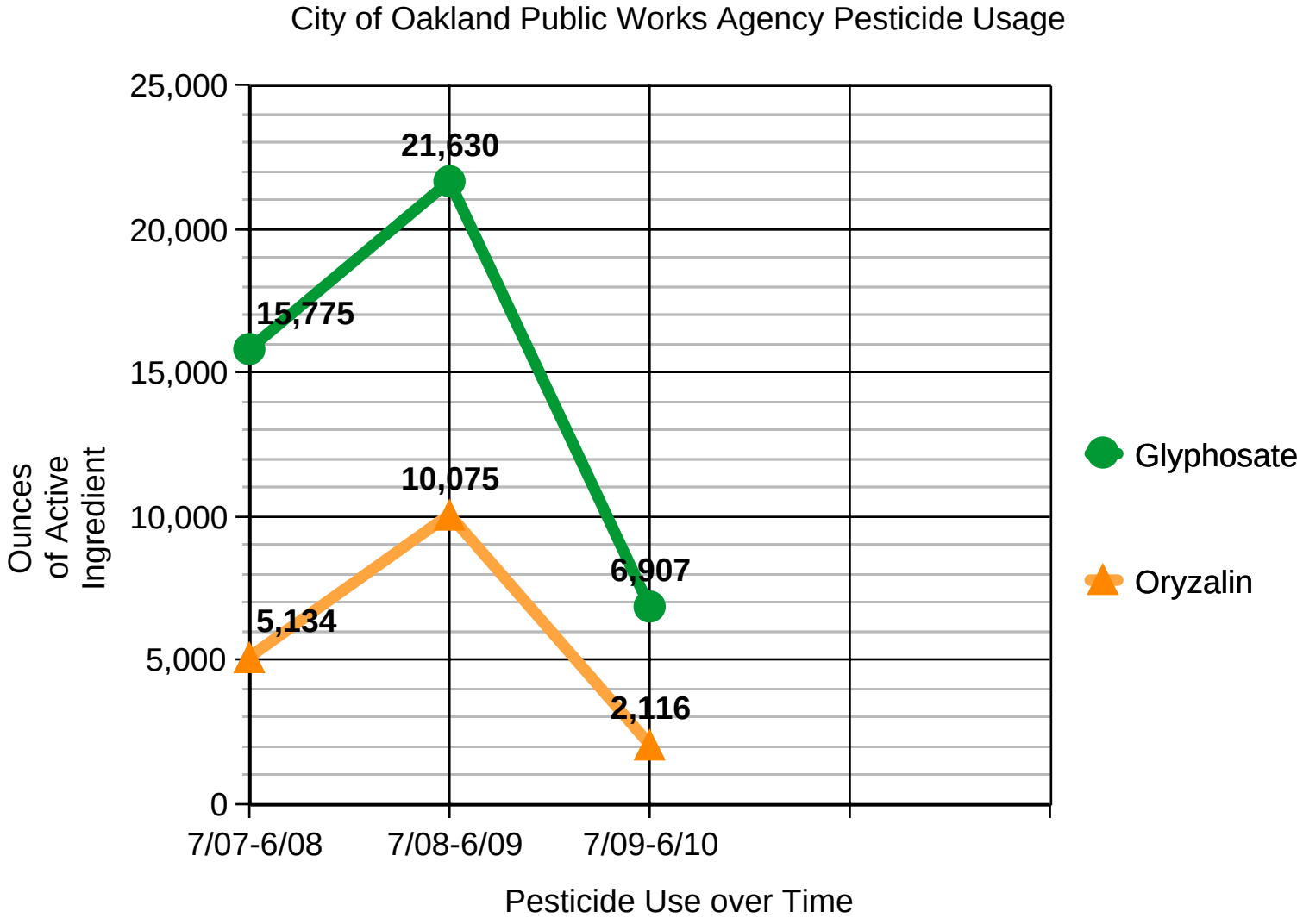
Date	# Employees
2/23/2010	7
2/5/2010	7
1/27/2010	6
12/16/2009	12
11/24/2009	12
4/22/2009	1
3/3/2009	10
2/26/2009	2
1/27/2009	3
1/22/2009	6
1/21/2009	4
1/16/2009	12
12/19/2007	8
10/16/2007	25
10/11/2007	24
10/9/2007	16
1/8/2009	6
12/9/2008	12
12/2/2008	7
TOTAL	**180**

% employees trained that actually applied pesticides **16.666667**

Note that California requires annual training. An employee may have been trained 3 times during this period. These figures do not account for retirements or new hires.



Data Source: Monthly Use Reports submitted to Alameda County Agricultural Commissioner



Data Source: Monthly Use Reports submitted to Alameda County Agricultural Commissioner

Factors to consider when choosing your rainwater capture system:

Before You Install

Plan your system so that it does not cause erosion or allow water to concentrate near structures or another person's property. For design assistance, contact an appropriate professional such as a landscape architect or engineer.

Soils

A variety of factors, including slopes, soil types, high groundwater and stability may limit or prevent the use of certain capture systems. Soils range from having a high sand content to a high clay content, and filter water at different rates. Consult with an appropriate professional such as a landscape architect or engineer to determine the soil type in your area and the rainwater capture systems appropriate for your property.

Mosquitoes

When implemented correctly, rainwater capture systems do not allow mosquitoes to breed. Ensure that water infiltrates into the ground within five days, or stored water is sealed off to prevent mosquito access. For more information, contact the Alameda County Mosquito Abatement District.

Helpful Contact Information

City of Oakland Watershed and Stormwater Management: For help planning your rain barrel system. www.oaklandpw.com/creeks

Low Impact Development Center, Inc.: More about rain gardens, pervious pavement, rain barrels and other stormwater capture systems. www.lowimpactdevelopment.org
(805) 540-9772

The Alameda County Mosquito Abatement District: Mosquito breeding prevention tips.
www.mosquitoes.org
(510) 783-7744

Bay Friendly Gardening: Gardening and landscaping practices that foster healthy soils, conserve water, and prevent pollution.
www.bayfriendly.org.
(510) 891-6500

Alameda Clean Water Program C.3 Technical Guidance: For technical design guidance for stormwater treatment controls. www.cleanwaterprogram.org

OAKLAND RAIN BARREL PROGRAM
CITY OF OAKLAND WATERSHED AND STORMWATER MANAGEMENT

Funding for this project has been provided in full or in part through an agreement with the State Water Resources Control Board. The contents of this document do not necessarily reflect the views and policies of the State Water Resources Control Board, nor does mention of trade names or commercial products constitute endorsement or recommendation for use. (Gov. Gov. § 7550, 40 CFR § 31.20)

Detain the Rain

City of Oakland Rain Barrel Program

Rain Barrels On Sale Now

at

WWW.OAKLANDPW.COM/CREEKS

CITY OF OAKLAND
WATERSHED AND STROMWATER MANAGEMENT

Enhance Your Property and Protect Our Creeks and the Bay

Rainwater Capture Systems installed on your property can help reduce flooding and protect the water quality of your local creeks and San Francisco Bay. Landscape designs featuring rainwater capture systems retain water during a storm then slowly release the water over a period of time. These systems conserve water and reduce flooding, stormwater pollution and erosion; while protecting our local creeks and the Bay.

LITTER TRAVELS.

But it can **STOP** with you.

CITY OF OAKLAND

Water Boards

Clean Water

OAKLAND * ALAMEDA COUNTY

ORACLE

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ORACLE

LITTER TRAVELS.
But it can STOP with you.

ORACLE

CBS OUTDOOR

Oakland Creek Cleanup & Restoration Events - FY 2009/2010

Date	Name	Location	Creek	Type	# of Participants
9/19/2010	Creek to Bay Day	25 locations throughout Oakland	Multiple	local; creek cleanup & native planting	1052
4/17/2010	Earth Day	19 location throughout Oakland	Multiple	local; creek cleanup & native planting	978
7/11/2009	Adopt a Creek event	Wood Park	Sausal Creek	local; creek cleanup	8
9/19/2009	Adopt a Creek event	Wood Park	Sausal Creek	local; creek cleanup	29
7/28/2009	Adopt a Creek event	Beaconsfield Canyon	Sausal Creek	local; creek cleanup	8
9/21/2009	Adopt a Creek event	Beaconsfield Canyon	Sausal Creek	local; creek cleanup	14
7/18/2009	ned Awareness Prograı	Oakland Zoo	Arroyo Viejo Creek	local; creek cleanup	18
8/15/2009	ned Awareness Prograı	Oakland Zoo	Arroyo Viejo Creek	local; creek cleanup	16
8/20/2009	ned Awareness Prograı	Oakland Zoo	Arroyo Viejo Creek	local; creek cleanup	15
9/5/2009	Adopt a Creek event	North Oakland Sports Field	Temescal Creek	local; native plantings	12
9/12/2009	Adopt a Creek event	North Oakland Sports Field	Temescal Creek	local; native plantings	24
9/19/2009	Adopt a Creek event	North Oakland Sports Field	Temescal Creek	local; native plantings	20
7/1/2009	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	29
8/1/2009	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	21
9/1/2009	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	290
10/31/2009	Adopt a Creek event	Beaconsfield Canyon	Sausal Creek	local; creek cleanup	27
11/28/2009	Adopt a Creek event	Beaconsfield Canyon	Sausal Creek	local; creek cleanup	13
12/19/2009	Adopt a Creek event	Beaconsfield Canyon	Sausal Creek	local; creek cleanup	10
10/10/2009	Adopt a Creek event	Wood Park	Sausal Creek	local; creek cleanup	10
11/7/2009	Adopt a Creek event	Wood Park	Sausal Creek	local; creek cleanup	13
12/5/2009	Adopt a Creek event	Wood Park	Sausal Creek	local; creek cleanup	16
12/23/2009	Adopt a Creek event	Wood Park	Sausal Creek	local; creek cleanup	6
10/9/2009	ned Awareness Prograı	Oakland Zoo	Arroyo Viejo Creek	local; creek cleanup	8
11/9/2009	ned Awareness Prograı	Oakland Zoo	Arroyo Viejo Creek	local; creek cleanup	12
11/7/2009	Adopt a Creek event	Joaquin Miller Park	Fern Ravine	local; creek cleanup	18
12/12/2009	Adopt a Creek event	Joaquin Miller Park	Fern Ravine	local; creek cleanup	11
10/10/2009	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	18
10/16/2009	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	16
10/17/2009	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	21
10/24/2009	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	122
10/31/2009	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; creek cleanup	2
11/5/2009	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	30
11/7/2009	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	30
11/10/2009	Adopt a Creek event	Joaquin Miller Park	Fern Ravine	local; creek cleanup	14
11/14/2009	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	24
11/14/2009	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	12
11/21/2009	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	13
12/5/2009	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	44
12/5/2009	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	8
12/12/2009	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	72
12/15/2009	Adopt a Creek event	Beaconsfield Canyon	Sausal Creek	local; creek cleanup	30
12/19/2009	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	4
12/28/2009	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	4
3/21/2010	ned Awareness Prograı	Oakland Zoo	Arroyo Viejo Creek	local; creek cleanup	26
4/3/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; creek cleanup	23
4/13/2010	Adopt a Creek event	Beaconsfield Canyon	Sausal Creek	local; creek cleanup	20
4/17/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	188
4/17/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; creek cleanup	12
4/17/2010	Adopt a Creek event	Joaquin Miller Park	Fern Ravine	local; creek cleanup	12
4/20/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	15
4/21/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	20
4/22/2010	Adopt a Creek event	Beaconsfield Canyon	Sausal Creek	local; creek cleanup	26
4/23/2010	Adopt a Creek event	Beaconsfield Canyon	Sausal Creek	local; creek cleanup	18
4/24/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; creek cleanup	24
5/1/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	16

Oakland Creek Cleanup & Restoration Events - FY 2009/2010

5/1/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	9
5/15/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	11
5/15/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	4
5/20/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	40
5/21/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	2
5/21/2010	Adopt a Creek event	Beaconsfield Canyon	Sausal Creek	local; creek cleanup	25
5/22/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	135
5/28/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	2
5/29/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	10
4/17/2010	Adopt a Creek event	Wood Park	Sausal Creek	local; creek cleanup	22
4/22/2010	Adopt a Creek event	Wood Park	Sausal Creek	local; creek cleanup	20
5/8/2010	Adopt a Creek event	Wood Park	Sausal Creek	local; creek cleanup	40
2/20/2010	Adopt a Creek event	Barry Place	Sausal Creek	local; creek cleanup	3
2/21/2010	Adopt a Creek event	Barry Place	Sausal Creek	local; creek cleanup	2
2/22/2010	Adopt a Creek event	Barry Place	Sausal Creek	local; creek cleanup	1
3/19/2010	Adopt a Creek event	Barry Place	Sausal Creek	local; creek cleanup	1
4/16/2010	Adopt a Creek event	Barry Place	Sausal Creek	local; creek cleanup	1
4/17/2010	Adopt a Creek event	Barry Place	Sausal Creek	local; creek cleanup	5
4/20/2010	Adopt a Creek event	Barry Place	Sausal Creek	local; creek cleanup	1
1/9/2010	Adopt a Creek event	Leona Heights Park	Lion Creek	local; creek cleanup	9
2/15/2010	Adopt a Creek event	Leona Heights Park	Lion Creek	local; creek cleanup	9
3/12/2010	Adopt a Creek event	Leona Heights Park	Lion Creek	local; creek cleanup	6
1/9/2010	Adopt a Creek event	Glen Echo Park	Glen Echo Creek	local; creek cleanup	2
2/13/2010	Adopt a Creek event	Glen Echo Park	Glen Echo Creek	local; creek cleanup	1
3/13/2010	Adopt a Creek event	Glen Echo Park	Glen Echo Creek	local; creek cleanup	2
1/9/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	30
1/12/2010	Adopt a Creek event	Beaconsfield Canyon	Sausal Creek	local; creek cleanup	20
1/15/2010	Adopt a Creek event	Beaconsfield Canyon	Sausal Creek	local; creek cleanup	20
1/16/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	42
1/16/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	24
1/21/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	50
1/23/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	21
1/28/2010	Adopt a Creek event	Beaconsfield Canyon	Sausal Creek	local; creek cleanup	20
1/29/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	2
1/30/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	25
2/6/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	21
2/12/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	16
2/19/2010	Adopt a Creek event	Beaconsfield Canyon	Sausal Creek	local; creek cleanup	20
2/20/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	45
2/20/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	22
2/23/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	75
2/25/2010	Adopt a Creek event	Beaconsfield Canyon	Sausal Creek	local; creek cleanup	20
2/27/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	13
3/5/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	20
3/6/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	10
3/6/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	26
3/9/2010	Adopt a Creek event	Beaconsfield Canyon	Sausal Creek	local; creek cleanup	20
3/11/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	20
3/17/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	7
3/20/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	30
3/20/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	23
3/27/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	15
3/30/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	15
3/31/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	15
3/20/2010	Adopt a Creek event	Butters Canyon	Peralta Creek	local; creek cleanup	23
6/5/2010	Adopt a Creek event	Wood Park	Sausal Creek	local; native plantings	7
6/26/2010	Adopt a Creek event	Beaconsfield Canyon	Sausal Creek	local; creek cleanup	29
6/1/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	10
6/3/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	4

Oakland Creek Cleanup & Restoration Events - FY 2009/2010					
6/4/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	1
6/5/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	8
6/8/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	7
6/9/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	25
6/12/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	2
6/12/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	7
6/15/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	7
6/17/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	2
6/26/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; creek cleanup	3
6/26/2010	Adopt a Creek event	Joaquin Miller Park	Sausal Creek	local; native plantings	9
6/30/2010	Adopt a Creek event	Dimond Park	Sausal Creek	local; creek cleanup	29

Oakland School Age Outreach - FY 2009/2010

Date	Name	Location	Type	# of Participants	Grade Level	Outreach focus
7/1/2009	Friends of Sausal Creek	Dimond Park	Field	8	unknown	watershed awareness field activities
8/1/2009	Friends of Sausal Creek	Dimond Park	Field	27	unknown	watershed awareness field activities
9/1/2009	Friends of Sausal Creek	Dimond Park	Field	37	unknown	watershed awareness field activities
7/1/2009	Lake Merritt Institute	Montclair Recreation Center Camp	Classroom	32	Middle School	watershed awareness activities, enviroscape
9/1/2009	Lake Merritt Institute	St. Paul's School	Classroom	65	Middle School	watershed awareness activities, enviroscape
9/1/2009	Lake Merritt Institute	Oakland High Environmental Academy	Classroom	91	High School	watershed awareness activities, enviroscape
12/1/2009	Lake Merritt Institute	Head Royce School	Classroom	43	High School	watershed awareness activities, enviroscape
1/1/2010	Lake Merritt Institute	Civic Corps School	Classroom	32	Elementary	watershed awareness activities, enviroscape
1/1/2010	Lake Merritt Institute	Redwood Day School	Classroom	56	Elementary	watershed awareness activities, enviroscape
2/1/2010	Lake Merritt Institute	St. Elizabeth	Classroom	29	High School	watershed awareness activities, enviroscape
2/1/2010	Lake Merritt Institute	West High School	Classroom	58	High School	watershed awareness activities, enviroscape
3/1/2009	Lake Merritt Institute	Springstone School	Classroom	22	Middle School	watershed awareness activities, enviroscape